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OM nucleic - nucleic search, using sw model

Run on: November 15, 2004, 07:57:28 ; Search time 7 Seconds  
(without alignments)  
3.633 Million cell updates/sec

Title: US-09-964-666-1

Perfect score: 990  
Sequence: 1 CACGCTCGGCTAATTGTA.....CTCAACTCTGACTCAGG 990

Scoring table: IDENTITY\_NUC  
Gapop 10.0 , Gapext 0.5

Searched: 630 segs, 12844 residues

Total number of hits satisfying chosen parameters: 1260

Minimum DB seq length: 10  
Maximum DB seq length: 70

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 636 summaries

Database : rn1.seq:\*

Pred. No. is the number of results predicted by chance to have a  
score greater than or equal to the score of the result being printed,  
and is derived by analysis of the total score distribution.

## SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	47.8	4.8	51	1	US-09-443-199C-911
2	46.2	4.7	51	1	US-09-443-199C-912
3	44.6	4.5	51	1	US-09-443-199C-913
4	44.6	4.5	51	1	US-09-443-199C-1181
5	43	4.3	51	1	US-09-443-199C-914
6	43	4.3	51	1	US-09-443-199C-1182
7	42	4.2	51	1	US-09-513-989C-18997
8	41.8	4.2	51	1	US-09-422-978-3767
9	41.4	4.2	51	1	US-09-443-199C-671
10	41.4	4.2	51	1	US-09-443-199C-704
11	41.4	4.2	51	1	US-09-443-199C-1125
12	40.2	4.1	47	1	US-09-422-978-2999
13	40	4.0	40	1	US-09-060-023A-1
14	38.8	3.9	47	1	US-09-422-978-2353
15	38	3.9	47	1	US-09-422-978-1121
16	35.2	3.6	40	1	US-08-767-979-9
17	35.2	3.6	40	1	US-08-767-979-9
18	35.2	3.6	40	1	US-09-060-023A-2
19	34.2	3.5	35	1	US-08-255-889-10
20	33.6	3.4	40	1	US-08-767-979-8
21	33.6	3.4	40	1	US-09-295-026-8
22	31.8	3.2	35	1	US-08-255-889-11
23	27.6	2.8	29	1	US-09-304-233-859
24	27.6	2.8	31	1	US-08-070-517-3
25	27	2.7	29	1	US-09-304-233-196
26	27	2.7	29	1	US-09-304-233-503
27	27	2.7	29	1	US-09-304-233-571
28	27	2.7	29	1	US-09-304-233-700
29	27	2.7	29	1	US-09-304-233-705
30	27	2.7	29	1	US-09-304-233-706
31	26.4	2.7	30	1	US-08-454-557C-6
32	26.4	2.7	30	1	US-08-340-425D-6
33	26.4	2.7	30	1	US-08-450-673C-6

C 107	19.8	2.0	24	1	US-09-018-584A-96	Sequence 96, Appl	180	18	1.8	18	1	1	US-09-276-993-7	Sequence 7, Appl1
C 108	19.8	2.0	20	1	US-09-784-423-96	Sequence 96, Appl	181	18	1.8	18	1	1	US-09-276-993-9	Sequence 9, Appl1
C 109	19.8	1.9	24	1	US-08-670-479-11	Sequence 11, Appl	182	18	1.8	18	1	1	US-09-723-450-7	Sequence 7, Appl1
C 110	19.2	1.9	24	1	US-09-345-217-10	Sequence 10, Appl	183	18	1.8	18	1	1	US-09-723-450-9	Sequence 9, Appl1
C 111	19.2	1.9	24	1	US-09-404-912-13	Sequence 13, Appl	184	18	1.8	18	1	1	US-09-467-644-64	Sequence 64, Appl1
C 112	19.2	1.9	24	1	US-09-845-129-10	Sequence 10, Appl	185	18	1.8	18	1	1	US-10-172-911-80	Sequence 80, Appl1
C 113	19	1.9	19	1	US-08-629-939-10	Sequence 10, Appl	186	18	1.8	18	1	1	US-09-009-913-61	Sequence 61, Appl1
C 114	19	1.9	19	1	US-08-759-873-10	Sequence 10, Appl	187	18	1.8	18	1	1	US-09-357-740-7	Sequence 7, Appl1
C 115	19	1.9	20	1	US-09-280-805-243	Sequence 243, App	188	18	1.8	18	1	1	US-09-097-1199-87	Sequence 87, Appl1
C 116	19	1.9	20	1	US-09-280-805-250	Sequence 250, App	189	18	1.8	18	1	1	US-09-918-686-93	Sequence 93, Appl1
C 117	19	1.9	20	1	US-09-487-445-94	Sequence 94, Appl	190	17.8	1.8	18	1	1	US-08-203-199-25	Sequence 26, Appl1
C 118	19	1.9	20	1	US-09-898-361-95	Sequence 95, Appl	191	17.8	1.8	18	1	1	US-08-632-575B-21	Sequence 21, Appl1
C 119	19	1.9	20	1	US-09-600-299-286	Sequence 286, App	192	17.8	1.8	18	1	1	US-08-933-356-15	Sequence 15, Appl1
C 120	19	1.9	20	1	US-09-402-923A-286	Sequence 286, App	193	17.8	1.8	18	1	1	US-08-781-891-7	Sequence 7, Appl1
C 121	19	1.9	20	1	US-09-574-779B-30	Sequence 30, Appl	194	17.8	1.8	18	1	1	US-08-847-844A-116	Sequence 116, App
C 122	18.8	1.9	22	1	US-08-874-186-11	Sequence 11, Appl	195	17.8	1.8	18	1	1	US-08-649-950-67	Sequence 67, Appl1
C 123	18.8	1.9	22	1	US-08-781-891-11	Sequence 11, Appl	196	17.8	1.8	18	1	1	US-09-918-686-87	Sequence 87, Appl1
C 124	18.8	1.9	22	1	US-09-918-686-90	Sequence 90, Appl	197	17.8	1.8	18	1	1	US-09-618-166-7	Sequence 21, Appl1
C 125	18.8	1.9	22	1	US-09-918-686-94	Sequence 94, Appl	198	17.8	1.8	18	1	1	US-09-618-166-7	Sequence 21, Appl1
C 126	18.8	1.9	22	1	US-09-918-686-11	Sequence 11, Appl	199	17.8	1.8	18	1	1	US-09-618-166-7	Sequence 21, Appl1
C 127	18.8	1.9	22	1	US-09-918-686-11	Sequence 11, Appl	200	17.8	1.8	18	1	1	US-09-918-686-11	Sequence 11, Appl1
C 128	18.8	1.9	23	1	US-09-922-445-42	Sequence 42, App	201	17.8	1.8	18	1	1	US-08-599-253-35	Sequence 35, Appl1
C 129	18.8	1.9	23	1	US-09-454-495-9	Sequence 9, Appl1	202	17.8	1.8	18	1	1	US-08-859-998-25	Sequence 25, Appl1
C 130	18.4	1.9	20	1	US-08-222-177A-341	Sequence 341, App	203	17.8	1.8	18	1	1	US-09-146-588-10	Sequence 10, Appl1
C 131	18.4	1.9	20	1	US-08-222-177A-351	Sequence 351, App	204	17.8	1.8	18	1	1	US-09-225-201B-25	Sequence 25, Appl1
C 132	18.4	1.9	20	1	US-08-588-821-70	Sequence 70, Appl	205	17.8	1.8	18	1	1	US-09-918-686-88	Sequence 88, Appl1
C 133	18.4	1.9	20	1	US-08-605-089-43	Sequence 43, Appl	206	17.8	1.8	18	1	1	US-09-918-686-88	Sequence 88, Appl1
C 134	18.4	1.9	20	1	US-08-915-214-70	Sequence 70, Appl	207	17.8	1.8	18	1	1	US-09-918-686-88	Sequence 88, Appl1
C 135	18.4	1.9	20	1	US-08-849-701-12	Sequence 12, Appl	208	17.8	1.8	18	1	1	US-09-834-795A-14	Sequence 14, Appl1
C 136	18.4	1.9	20	1	US-09-005-532-70	Sequence 70, Appl	209	17.8	1.8	18	1	1	US-09-834-795A-14	Sequence 14, Appl1
C 137	18.4	1.9	20	1	US-09-289-267-164	Sequence 164, App	210	17.8	1.8	18	1	1	PCT-US96-06332-35	Sequence 35, Appl1
C 138	18.4	1.9	20	1	US-09-435-296-80	Sequence 80, Appl	211	17.8	1.8	18	1	1	PCT-US96-06332-38	Sequence 38, Appl1
C 139	18.4	1.9	20	1	US-09-435-296-81	Sequence 81, Appl	212	17.8	1.8	18	1	1	PCT-US96-06332-35	Sequence 35, Appl1
C 140	18.4	1.9	20	1	US-09-280-805-246	Sequence 246, App	213	17.8	1.8	18	1	1	PCT-US96-06583-18	Sequence 38, Appl1
C 141	18.4	1.9	20	1	US-09-280-805-268	Sequence 268, App	214	17.8	1.8	18	1	1	PCT-US96-06583-18	Sequence 38, Appl1
C 142	18.4	1.9	20	1	US-09-286-959B-12	Sequence 12, Appl	215	17.4	1.8	18	1	1	US-08-222-177A-330	Sequence 330, App
C 143	18.4	1.9	20	1	US-09-467-642-68	Sequence 68, Appl	216	17.4	1.8	18	1	1	US-09-366-840-2	Sequence 2, Appl1
C 144	18.4	1.9	20	1	US-09-467-642-73	Sequence 73, Appl	217	17.4	1.8	18	1	1	US-09-564-805-100	Sequence 100, App
C 145	18.4	1.9	20	1	US-09-488-856A-71	Sequence 71, Appl	218	17.4	1.8	18	1	1	US-09-544-398B-222	Sequence 222, App
C 146	18.4	1.9	20	1	US-09-488-856A-73	Sequence 73, Appl	219	17.4	1.8	18	1	1	US-09-435-296-79	Sequence 79, Appl1
C 147	18.4	1.9	20	1	US-09-662-250A-76	Sequence 76, Appl	220	17.4	1.8	18	1	1	US-09-280-805-249	Sequence 249, App
C 148	18.4	1.9	20	1	US-09-844-634-44	Sequence 44, Appl	221	17.4	1.8	18	1	1	US-09-280-805-256	Sequence 256, App
C 149	18.4	1.9	20	1	US-09-607-529-3	Sequence 3, Appl1	222	17.4	1.8	18	1	1	US-09-280-805-257	Sequence 257, App
C 150	18.4	1.9	20	1	US-09-657-346A-24	Sequence 24, Appl	223	17.4	1.8	18	1	1	US-09-467-642-65	Sequence 65, App
C 151	18.4	1.9	20	1	US-09-657-346A-33	Sequence 33, Appl	224	17.4	1.8	18	1	1	US-09-467-642-65	Sequence 65, App
C 152	18.4	1.9	20	1	US-09-657-346A-33	Sequence 33, Appl	225	17.4	1.8	18	1	1	US-09-588-950A-5	Sequence 5, Appl1
C 153	18.4	1.9	20	1	US-09-060-299-257	Sequence 257, App	226	17.4	1.8	18	1	1	US-09-851-896-18	Sequence 18, Appl1
C 154	18.4	1.9	20	1	US-09-060-299-257	Sequence 257, App	227	17.4	1.8	18	1	1	US-09-780-173-25	Sequence 25, Appl1
C 155	18.4	1.9	20	1	US-09-402-923A-257	Sequence 257, App	228	17.4	1.8	18	1	1	US-09-780-173-25	Sequence 25, Appl1
C 156	18.4	1.9	20	1	US-09-402-923A-257	Sequence 257, App	229	17.4	1.8	18	1	1	US-09-733-294A-32	Sequence 32, Appl1
C 157	18.4	1.9	20	1	US-09-679-299A-76	Sequence 76, App	230	17.4	1.8	18	1	1	US-09-657-346A-91	Sequence 49, Appl1
C 158	18.4	1.9	20	1	US-09-956-279-3	Sequence 3, Appl1	231	17.4	1.8	18	1	1	US-09-657-346A-99	Sequence 49, Appl1
C 159	18.4	1.9	21	1	US-08-133-629-3	Sequence 31, Appl	232	17.4	1.8	18	1	1	US-09-679-299A-4	Sequence 4, Appl1
C 160	18.4	1.9	23	1	US-08-632-575B-31	Sequence 31, Appl	233	17.4	1.8	18	1	1	US-09-679-299A-69	Sequence 69, Appl1
C 161	18.4	1.9	23	1	US-09-199-542B-31	Sequence 31, Appl	234	17.4	1.8	18	1	1	US-08-394-210-6	Sequence 6, Appl1
C 162	18.2	1.8	19	1	US-08-070-517-2	Sequence 2, Appl1	235	17.4	1.8	18	1	1	US-08-394-210-6	Sequence 6, Appl1
C 163	18.2	1.8	19	1	US-08-070-517-2	Sequence 2, Appl1	236	17.4	1.8	18	1	1	US-08-635-820A-2	Sequence 2, Appl1
C 164	18.2	1.8	19	1	US-08-118-441-1	Sequence 1, Appl1	237	17.4	1.8	18	1	1	US-09-100-104-2	Sequence 2, Appl1
C 165	18.2	1.8	19	1	US-08-118-441-2	Sequence 2, Appl1	238	17.4	1.8	18	1	1	US-08-222-177A-82	Sequence 82, Appl1
C 166	18.2	1.8	19	1	US-08-422-699A-13	Sequence 13, Appl	239	17.4	1.8	18	1	1	US-08-487-759-1	Sequence 1, Appl1
C 167	18.2	1.8	19	1	US-08-422-699A-14	Sequence 14, Appl	240	17.4	1.8	18	1	1	US-08-807-104-1	Sequence 1, Appl1
C 168	18.2	1.8	19	1	US-08-422-706B-13	Sequence 13, Appl	241	17.4	1.8	18	1	1	US-08-807-104-4	Sequence 4, Appl1
C 169	18.2	1.8	19	1	US-08-422-706B-14	Sequence 14, Appl	242	17.4	1.8	18	1	1	US-08-807-104-6	Sequence 6, Appl1
C 170	18.2	1.8	19	1	US-08-338-579A-1	Sequence 1, Appl1	243	17.4	1.8	18	1	1	US-08-807-104-7	Sequence 7, Appl1
C 171	18.2	1.8	19	1	US-08-338-579A-2	Sequence 2, Appl1	244	17.4	1.8	18	1	1	US-08-807-104-8	Sequence 8, Appl1
C 172	18.2	1.8	19	1	US-09-078-294-1	Sequence 1, Appl1	245	17.4	1.8	18	1	1	US-08-807-104-9	Sequence 9, Appl1
C 173	18.2	1.8	19	1	PCT-US94-09851-1	Sequence 1, Appl1	246	17.4	1.8	18	1	1	US-08-807-104-10	Sequence 10, Appl1
C 174	18.2	1.8	19	1	PCT-US94-09851-2	Sequence 2, Appl1	247	17.4	1.8	18	1	1	US-08-807-104-13	Sequence 13, Appl1
C 175	18	1.8	18	1	US-09-156-253-30	Sequence 30, Appl	248	17.4	1.8	18	1	1	US-08-807-104-14	Sequence 14, Appl1
C 176	18	1.8	18	1	US-08-859-167-7	Sequence 7, Appl1	249	17.4	1.8	18	1	1	US-08-807-104-15	Sequence 15, Appl1
C 177	18	1.8	18	1	US-08-859-167-9	Sequence 9, Appl1	250	17.4	1.8	18	1	1	US-08-807-104-16	Sequence 16, Appl1
C 178	18	1.8	18	1	US-09-109-273-7	Sequence 7, Appl1	251	17.4	1.8	18	1	1	US-08-670-479-12	Sequence 12, Appl1
C 179	18	1.8	18	1	US-09-109-273-9	Sequence 9, Appl1	252	17.4	1.8	18	1	1	US-08-973-139-1	Sequence 1, Appl1

253	17	1.7	19	1	US-08-480-068-1	Sequence 1, Appl1	325	16.4	1.7	18	1	US-09-156-253-45	Sequence 45, Appl1
254	17	1.7	19	1	US-08-480-068-4	Sequence 4, Appl1	C 327	16.4	1.7	18	1	US-09-161-443-46	Sequence 46, Appl1
255	17	1.7	19	1	US-08-480-068-6	Sequence 6, Appl1	C 328	16.4	1.7	18	1	US-09-161-443-47	Sequence 47, Appl1
256	17	1.7	19	1	US-08-480-068-7	Sequence 7, Appl1	329	16.4	1.7	18	1	US-09-630-706-94	Sequence 94, Appl1
257	17	1.7	19	1	US-08-480-068-8	Sequence 8, Appl1	C 330	16.4	1.7	18	1	US-09-544-398B-220	Sequence 220, App
258	17	1.7	19	1	US-08-480-068-9	Sequence 9, Appl1	331	16.4	1.7	18	1	US-09-544-398B-438	Sequence 438, App
259	17	1.7	19	1	US-08-480-068-10	Sequence 10, Appl1	332	16.4	1.7	19	1	US-08-767-979-10	Sequence 10, Appl1
260	17	1.7	19	1	US-08-480-068-13	Sequence 13, Appl1	333	16.4	1.7	19	1	US-09-295-026-10	Sequence 10, Appl1
261	17	1.7	19	1	US-08-480-068-14	Sequence 14, Appl1	C 334	16.4	1.7	20	1	US-08-741-406-8	Sequence 8, Appl1
262	17	1.7	19	1	US-08-480-068-15	Sequence 15, Appl1	C 335	16.4	1.7	20	1	US-09-024-472-8	Sequence 8, Appl1
263	17	1.7	19	1	US-08-480-068-16	Sequence 16, Appl1	C 336	16.4	1.7	20	1	US-09-479-005A-270	Sequence 270, App
264	17	1.7	19	1	US-08-973-137-1	Sequence 1, Appl1	C 337	16	1.6	16	1	US-09-347-114A-91	Sequence 91, Appl1
265	17	1.7	19	1	US-08-973-137-6	Sequence 6, Appl1	C 338	16	1.6	18	1	US-08-529-878B-33	Sequence 33, Appl1
266	17	1.7	19	1	US-08-973-137-7	Sequence 7, Appl1	C 339	16	1.6	19	1	US-09-091-952A-86	Sequence 86, Appl1
267	17	1.7	19	1	US-08-973-137-8	Sequence 8, Appl1	C 340	16	1.6	20	1	US-09-496-654B-224	Sequence 224, App
268	17	1.7	19	1	US-08-973-137-9	Sequence 9, Appl1	C 341	15.8	1.6	19	1	US-08-222-177A-353	Sequence 353, App
269	17	1.7	19	1	US-08-973-137-10	Sequence 10, Appl1	342	15.8	1.6	19	1	US-08-117-952-623	Sequence 1, Appl1
270	17	1.7	19	1	US-08-973-137-13	Sequence 13, Appl1	C 343	15.8	1.6	19	1	US-08-469-852B-2	Sequence 2, Appl1
271	17	1.7	19	1	US-08-973-137-14	Sequence 14, Appl1	344	15.8	1.6	19	1	US-08-271-882B-16	Sequence 16, Appl1
272	17	1.7	19	1	US-08-973-137-15	Sequence 15, Appl1	345	15.8	1.6	19	1	US-08-295-509B-2	Sequence 2, Appl1
273	17	1.7	19	1	US-08-973-137-16	Sequence 16, Appl1	347	15.8	1.6	19	1	US-09-234-237-1	Sequence 1, Appl1
274	17	1.7	19	1	US-08-973-137-98	Sequence 98, Appl1	348	15.8	1.6	19	1	US-09-016-520-20	Sequence 20, Appl1
C 275	17	1.7	19	1	US-09-404-912-3	Sequence 3, Appl1	349	15.8	1.6	19	1	US-09-016-520-21	Sequence 21, Appl1
C 276	17	1.7	19	1	PCT-US96-08320-1	Sequence 1, Appl1	350	15.8	1.6	19	1	US-09-016-520-22	Sequence 22, Appl1
277	17	1.7	19	1	PCT-US96-08330-1	Sequence 1, Appl1	351	15.8	1.6	19	1	US-09-016-520-23	Sequence 23, Appl1
278	17	1.7	19	1	US-08-807-104-2	Sequence 2, Appl1	352	15.8	1.6	19	1	US-09-016-520-24	Sequence 24, Appl1
279	17	1.7	20	1	US-08-480-068-2	Sequence 2, Appl1	353	15.8	1.6	19	1	US-09-016-520-25	Sequence 25, Appl1
280	17	1.7	20	1	US-08-280-805-241	Sequence 241, App	354	15.8	1.6	19	1	US-09-016-520-26	Sequence 26, Appl1
C 281	17	1.7	20	1	US-08-973-137-2	Sequence 2, Appl1	355	15.8	1.6	19	1	US-09-016-520-27	Sequence 27, Appl1
282	17	1.7	20	1	US-09-233-086-61	Sequence 61, Appl1	356	15.8	1.6	19	1	US-09-016-520-31	Sequence 31, Appl1
C 283	17	1.7	20	1	US-07-952-442-19	Sequence 19, Appl1	357	15.8	1.6	19	1	US-09-016-520-33	Sequence 33, Appl1
C 284	16.8	1.7	20	1	US-07-890-719-5	Sequence 5, Appl1	358	15.8	1.6	19	1	US-09-016-520-44	Sequence 44, Appl1
C 285	16.8	1.7	20	1	US-08-259-766-19	Sequence 19, Appl1	359	15.8	1.6	19	1	US-08-757-223-12	Sequence 12, Appl1
C 286	16.8	1.7	20	1	US-08-230-936-12	Sequence 12, Appl1	C 360	15.8	1.6	19	1	US-09-378-568-4	Sequence 4, Appl1
C 287	16.8	1.7	20	1	US-08-480-784-9	Sequence 9, Appl1	361	15.8	1.6	19	1	US-09-130-973-20	Sequence 20, Appl1
C 288	16.8	1.7	20	1	US-08-480-784-9	Sequence 9, Appl1	362	15.8	1.6	19	1	US-09-130-973-21	Sequence 21, Appl1
C 289	16.8	1.7	20	1	US-08-483-553-9	Sequence 9, Appl1	363	15.8	1.6	19	1	US-09-130-973-22	Sequence 22, Appl1
C 290	16.8	1.7	20	1	US-08-487-002-9	Sequence 9, Appl1	364	15.8	1.6	19	1	US-09-130-973-23	Sequence 23, Appl1
C 291	16.8	1.7	20	1	US-08-483-554B-9	Sequence 9, Appl1	365	15.8	1.6	19	1	US-09-130-973-24	Sequence 24, Appl1
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C 621 12.4 1.3 15 1 US-09-081-646-821 Sequence 821, App
C 622 12.4 1.3 15 1 US-09-475-947A-158 Sequence 158, App
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C 625 12 1.2 13 1 US-08-973-139-3 Sequence 3, Appl1
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C 634 12 1.2 15 1 US-09-081-646-534 Sequence 87, Appl
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ALIGNMENTS

RESULT 1
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Sequence 911, Application US/09443199C
Patent No. 6670464
GENERAL INFORMATION:
APPLICANT: Shimkets, Richard A.
TITLE OF INVENTION: Nucleic Acids Containing Single Nucleotide
FILE REFERENCE: 15966-534A
CURRENT FILING DATE: 1999-11-16
PRIOR APPLICATION NUMBER: US/09/443,199C
PRIOR FILING DATE: 1998-11-17
NUMBER OF SEQ ID NOS: 1272
SOFTWARE: Curagen Patent Formatter Version 0.9
SEQ ID NO 911
LENGTH: 51
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ORGANISM: Homo sapiens
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LOCATION: (26)..(0)
OTHER INFORMATION: 1 of 2 allelic variants (912 is other entry)
NAME/KEY: misc_feature
LOCATION: (0)..(0)
OTHER INFORMATION: Accession number CG43971764
US-09-443-199C-911

Query Match 4.8%; Score 47.8; DB 1; Length 51;
Best Local Similarity 96.1%; Pred. No.1.5;
Matches 49; Conservative 0; Mismatch 2; Indels 0; Gaps 0

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Patent No. 6670464
GENERAL INFORMATION:
APPLICANT: Shimkets, Richard A.
TITLE OF INVENTION: Nucleic Acids Containing Single Nucleotide
FILE REFERENCE: 15966-534A
CURRENT APPLICATION NUMBER: US/09/443,199C

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/ CURRENT FILING DATE: 1999-11-16
/ PRIOR APPLICATION NUMBER: 60/109,024
/ PRIOR FILING DATE: 1998-11-17
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Query Match
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RESULT 3
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/ Sequence 913, Application US/09443199C
/ Patent No. 6670464
/ GENERAL INFORMATION:
/ APPLICANT: Shimkets, Richard A.
/ TITLE OF INVENTION: Nucleic Acids Containing Single Nucleotide
/ FILE REFERENCE: 15966-534A
/ CURRENT APPLICATION NUMBER: US/09/443,199C
/ CURRENT FILING DATE: 1999-11-16
/ PRIOR APPLICATION NUMBER: 60/109,024
/ PRIOR FILING DATE: 1998-11-17
/ NUMBER OF SEQ ID NOS: 1272
/ SOFTWARE: CuraGen Patent Formatter Version 0.9
/ SEQ ID NO 913
/ LENGTH: 51
/ TYPE: DNA
/ ORGANISM: Homo sapiens
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: (26)...(0)
/ OTHER INFORMATION: 1 of 2 allelic variants (914 is other entry)
/ NAME/KEY: misc_feature
/ LOCATION: (0)...(0)
/ OTHER INFORMATION: Accession number cg43972482
US-09-443-199C-913

Query Match
Best Local Similarity 92.2%; Score 44.6; DB 1; Length 51;
Matches 47; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 177 TTAGTAGAGATGAGTTTCTCCATGTTGTCAGGCTGCTCAGACTCCG 227
DB 1 TTAGTAGAGAGCGGGTTTCACCATGTTGCTCAGGCTGCTCAGACTCCG 51

RESULT 4
US-09-443-199C-1181
/ Sequence 1181, Application US/09443199C
/ Patent No. 6670464
/ GENERAL INFORMATION:
/ APPLICANT: Shimkets, Richard A.
/ TITLE OF INVENTION: Nucleic Acids Containing Single Nucleotide
```

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/ TITLE OF INVENTION: Polymorphisms and Methods of Use Thereof
/ FILE REFERENCE: 15966-534A
/ CURRENT APPLICATION NUMBER: US/09/443,199C
/ CURRENT FILING DATE: 1999-11-16
/ PRIOR APPLICATION NUMBER: 60/109,024
/ PRIOR FILING DATE: 1998-11-17
/ NUMBER OF SEQ ID NOS: 1272
/ SOFTWARE: CuraGen Patent Formatter Version 0.9
/ SEQ ID NO 1181
/ LENGTH: 51
/ TYPE: DNA
/ ORGANISM: Homo sapiens
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: (26)...(0)
/ OTHER INFORMATION: 1 of 2 allelic variants (1182 is other entry)
/ NAME/KEY: misc_feature
/ LOCATION: (0)...(0)
/ OTHER INFORMATION: Accession number cg42475469
US-09-443-199C-1181

Query Match
Best Local Similarity 92.2%; Score 44.6; DB 1; Length 51;
Matches 47; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 355 CTGAGCTCAAGCAGTCCACCTGCTCAGCCTCCCAAGTGTGAGATTACA 405
DB 1 CTGACCTCAAGTATCCACCTGCTCAGCCTCCCAAGTGTGAGATTACA 51

RESULT 5
US-09-443-199C-914
/ Sequence 914, Application US/09443199C
/ Patent No. 6670464
/ GENERAL INFORMATION:
/ APPLICANT: Shimkets, Richard A.
/ TITLE OF INVENTION: Nucleic Acids Containing Single Nucleotide
/ FILE REFERENCE: 15966-534A
/ CURRENT APPLICATION NUMBER: US/09/443,199C
/ CURRENT FILING DATE: 1999-11-16
/ PRIOR APPLICATION NUMBER: 60/109,024
/ PRIOR FILING DATE: 1998-11-17
/ NUMBER OF SEQ ID NOS: 1272
/ SOFTWARE: CuraGen Patent Formatter Version 0.9
/ SEQ ID NO 914
/ LENGTH: 51
/ TYPE: DNA
/ ORGANISM: Homo sapiens
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: (26)...(0)
/ OTHER INFORMATION: 2 of 2 allelic variants (913 is other entry)
/ NAME/KEY: misc_feature
/ LOCATION: (0)...(0)
/ OTHER INFORMATION: Accession number cg43972482
US-09-443-199C-914

Query Match
Best Local Similarity 90.2%; Score 43; DB 1; Length 51;
Matches 46; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 177 TTAGTAGAGATGAGTTTCTCCATGTTGTCAGGCTGCTCAGACTCCG 227
DB 1 TTAGTAGAGAGCGGGTTTCACCATGTTGCTCAGGCTGCTCAGACTCCG 51

RESULT 6
US-09-443-199C-1182
/ Sequence 1182, Application US/09443199C
/ Patent No. 6670464
/ GENERAL INFORMATION:
```

```

; APPLICANT: Shinkets, Richard A.
; APPLICANT: Leach, Martin
; TITLE OF INVENTION: Nucleic Acids Containing Single Nucleotide
; TITLE OF INVENTION: Polymorphisms and Methods of Use Thereof
; FILE REFERENCE: 15966-534A
; CURRENT APPLICATION NUMBER: US/09/443,199C
; CURRENT FILING DATE: 1999-11-16
; PRIOR APPLICATION NUMBER: 60/109,024
; PRIOR FILING DATE: 1998-11-17
; NUMBER OF SEQ ID NOS: 1272
; SOFTWARE: Curagen Patent Formatter Version 0.9
; SEQ ID NO 1182
; LENGTH: 51
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (26)...(0)
; OTHER INFORMATION: 2 of 2 allelic variants (1181 is other entry)
; NAME/KEY: (0)...(0)
; LOCATION: (0)...(0)
; OTHER INFORMATION: Accession number CG42475469
; US-09-443-199C-1182

Query Match
Best Local Similarity 4.3%; Score 43; DB 1; Length 51;
Matches 46; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 355 CTGAGCTCAAGCATCCAGCTGCTCCAGCCCTCCCAAGTGTGGATTACA 405
DB 1 CTGACCTCAAGTATCCAGCTGCTTACCTCCCAAGTGTGGATTACA 51

RESULT 7
US-09-513-999C-18997/C
; Sequence 18997, Application US/09513999C
; Patent No. 6783961
; GENERAL INFORMATION:
; APPLICANT: Dumas Milne Edwards, J.B.
; APPLICANT: Duclert, A.
; APPLICANT: Giordano, J.Y.
; TITLE OF INVENTION: Expressed Sequence Tags and Encoded Human Proteins.
; Patent No. 6783961
; FILE REFERENCE: 59,US2,REG
; CURRENT APPLICATION NUMBER: US/09/513,999C
; CURRENT FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/122,487
; PRIOR FILING DATE: 1999-02-26
; NUMBER OF SEQ ID NOS: 36681
; SOFTWARE: Patent.pm
; SEQ ID NO 18997
; LENGTH: 51
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-513-999C-18997

Query Match
Best Local Similarity 4.2%; Score 42; DB 1; Length 51;
Matches 45; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 908 TTTTGTGTTGTAATGAAATCTCACTGTGTTACCCAGGCTGGAGTGC 957
DB 50 TTTTGTGTTGTAATGAAATCTCACTGTGTTACCCAGGCTGGAGTGC 1

RESULT 8
US-09-422-978-3767/C
; Sequence 3767, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
```

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; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET, 0200C1
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 3767
; LENGTH: 47
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: allele
; LOCATION: 24
; OTHER INFORMATION: 99-11878-212 : polymorphic base C or T
; US-09-422-978-3767

Query Match
Best Local Similarity 4.2%; Score 41.8; DB 1; Length 47;
Matches 43; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 673 GCTCAGTCAAGCTCTGCTCCCGGTTCAAGTATTTCTGCTGCCC 719
DB 47 GCTCAGTCAAGCTCTGCTCCCGGTTCAAGTATTTCTGCTGCCC 1

RESULT 9
US-09-443-199C-671/C
; Sequence 671, Application US/09443199C
; Patent No. 6670464
; GENERAL INFORMATION:
; APPLICANT: Shinkets, Richard A.
; APPLICANT: Leach, Martin
; TITLE OF INVENTION: Nucleic Acids Containing Single Nucleotide
; TITLE OF INVENTION: Polymorphisms and Methods of Use Thereof
; FILE REFERENCE: 15966-534A
; CURRENT APPLICATION NUMBER: US/09/443,199C
; CURRENT FILING DATE: 1999-11-16
; PRIOR APPLICATION NUMBER: 60/109,024
; PRIOR FILING DATE: 1998-11-17
; NUMBER OF SEQ ID NOS: 1272
; SOFTWARE: Curagen Patent Formatter Version 0.9
; SEQ ID NO 671
; LENGTH: 51
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (26)...(0)
; OTHER INFORMATION: 1 of 2 allelic variants (672 is other entry)
; NAME/KEY: (0)...(0)
; LOCATION: (0)...(0)
; OTHER INFORMATION: Accession number CG42924993
; US-09-443-199C-671

Query Match
Best Local Similarity 4.2%; Score 41.4; DB 1; Length 51;
Matches 45; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY 1071 TTTGTATTTTTCATTAGAGCGGGGTTTCAACATATTTGTCAGGCTGCT 1121
DB 51 TTTGTATTTTTCATTAGAGCGGGGTTTCAACATATTTGTCAGGCTGCT 1

RESULT 10
US-09-443-199C-704/C
; Sequence 704, Application US/09443199C
; Patent No. 6670464
; GENERAL INFORMATION:
```

APPLICANT: Shimkets, Richard A.  
APPLICANT: Leach, Martin  
TITLE OF INVENTION: Nucleic Acids Containing Single Nucleotide  
TITLE OF INVENTION: Polymorphisms and Methods of Use Thereof  
FILE REFERENCE: 15966-534A  
CURRENT APPLICATION NUMBER: US/09/443,199C  
PRIOR FILING DATE: 1999-11-16  
PRIOR APPLICATION NUMBER: 60/109,024  
NUMBER OF SEQ ID NOS: 1272  
SOFTWARE: CuraGen Patent Formatter Version 0.9  
SEQ ID NO 704  
LENGTH: 51  
TYPE: DNA  
ORGANISM: Homo sapiens  
FEATURE:  
NAME/KEY: misc\_feature  
LOCATION: (26)...(0)  
OTHER INFORMATION: 2 of 2 allelic variants (703 is other entry)  
LOCATION: (0)...(0)  
OTHER INFORMATION: Accession number CG43089031  
US-09-443-199C-704

Query Match 4.2%; Score 41.4; DB 1; Length 51;  
Best Local Similarity 88.2%; Pred. No. 5.8;  
Matches 45; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY 853 CCTCCCAAGTCTGGGATTACGGGCTAGCCACGCGCGCTTATT 903  
DB 51 CTCCTCAAGTCTGGGATTATAGCGGTAGTCACGCGCGCTGCGCATTT 1

RESULT 11  
US-09-443-199C-1125  
Sequence 1125, Application US/09443199C  
Patent No. 6670464  
GENERAL INFORMATION:  
APPLICANT: Shimkets, Richard A.  
APPLICANT: Leach, Martin  
TITLE OF INVENTION: Nucleic Acids Containing Single Nucleotide  
TITLE OF INVENTION: Polymorphisms and Methods of Use Thereof  
FILE REFERENCE: 15966-534A  
CURRENT APPLICATION NUMBER: US/09/443,199C  
PRIOR FILING DATE: 1999-11-16  
PRIOR APPLICATION NUMBER: 60/109,024  
NUMBER OF SEQ ID NOS: 1272  
SOFTWARE: CuraGen Patent Formatter Version 0.9  
SEQ ID NO 1125  
LENGTH: 51  
TYPE: DNA  
ORGANISM: Homo sapiens  
FEATURE:  
NAME/KEY: misc\_feature  
LOCATION: (26)...(0)  
OTHER INFORMATION: 1 of 2 allelic variants (1126 is other entry)  
LOCATION: (0)...(0)  
OTHER INFORMATION: Accession number CG42894694  
US-09-443-199C-1125

Query Match 4.2%; Score 41.4; DB 1; Length 51;  
Best Local Similarity 88.2%; Pred. No. 5.8;  
Matches 45; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY 1071 TTTGTATTTCATTAGAGCGGGGTTTCCATATTGTCAGGCTGCT 1121  
DB 1 TTTGTATTTCATTAGAGCGGGGTTTCCATATTGTCAGGCTGCT 51

RESULT 12  
US-09-422-978-2999

Sequence 2999, Application US/09422978  
Patent No. 6537751  
GENERAL INFORMATION:  
APPLICANT: Cohen, Daniel  
APPLICANT: Blumenfeld, Marta  
APPLICANT: Chumakov, Ilya  
TITLE OF INVENTION: Ballelic markers for use in constructing a high density...  
FILE REFERENCE: GENSET.020CPI  
CURRENT APPLICATION NUMBER: US/09/422,978  
PRIOR FILING DATE: 1999-10-20  
EARLIER APPLICATION NUMBER: US 09/298,850  
EARLIER FILING DATE: 1999-04-21  
EARLIER APPLICATION NUMBER: US 60/109,732  
EARLIER FILING DATE: 1998-11-23  
EARLIER APPLICATION NUMBER: US 60/082,614  
EARLIER FILING DATE: 1998-04-21  
NUMBER OF SEQ ID NOS: 11796  
SEQ ID NO 2999  
LENGTH: 47  
TYPE: DNA  
ORGANISM: Homo Sapiens  
FEATURE:  
NAME/KEY: allele  
LOCATION: 24  
OTHER INFORMATION: 99-21516-293 : polymorphic base G or T  
US-09-422-978-2999

Query Match 4.1%; Score 40.2; DB 1; Length 47;  
Best Local Similarity 89.4%; Pred. No. 6.6;  
Matches 42; Conservative 1; Mismatches 4; Indels 0; Gaps 0;

QY 839 TCTGCTGCTCTGCGCTCCCAAGTGTGGATTACAGCGGTGAGCC 885  
DB 1 TCGGCTGCTCAGCTCCCAAKTGTAGATTATAGCGGTGAGCC 47

RESULT 13  
US-09-060-023A-1/C  
Sequence 1, Application US/09060023A  
Patent No. 6391642  
GENERAL INFORMATION:  
APPLICANT: Resnick, Michael A.  
APPLICANT: Laktionov, Vladimir L.  
APPLICANT: Koupina, Natalay Y.  
APPLICANT: Perkins, Edward L.  
TITLE OF INVENTION: TRANSFORMATION-ASSOCIATED RECOMBINATION  
TITLE OF INVENTION: CLONING  
NUMBER OF SEQUENCES: 10  
CORRESPONDENCE ADDRESSES:  
ADDRESSEE: Needle & Rosenberg, P.C.  
STREET: Suite 1200, 127 Peachtree Street, N.E.  
CITY: Atlanta  
STATE: Georgia  
COUNTRY: USA  
ZIP: 30303-1811  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/060,023A  
FILING DATE: April 14, 1998  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: PCT/US96/11478  
FILING DATE: JULY 9, 1996  
ATTORNEY/AGENT INFORMATION:  
NAME: Perryman, David G.  
REGISTRATION NUMBER: 33,438  
REFERENCE/DOCKET NUMBER: 14014.0291  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 404-688-0770  
TELEFAX: 404-688-9880

;; INFORMATION FOR SEQ ID NO: 1:  
;; SEQUENCE CHARACTERISTICS:  
;; LENGTH: 40 bases  
;; TYPE: nucleic acid  
;; STRANDEDNESS: single  
;; TOPOLOGY: linear  
;; MOLECULE TYPE: DNA (genomic)  
US-09-060-023A-1

Query Match 4.0%; Score 40; DB 1; Length 40;  
Best Local Similarity 100.0%; Pred. No. 5.4;  
Matches 40; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 849 TCGGCTCCCAAGTCTGGATTACAGCGGTGAGCCACC 888

Db 40 TCGGCTCCCAAGTCTGGATTACAGCGGTGAGCCACC 1

RESULT 14

US-09-422-978-2353  
; Sequence 2353, Application US/09422978  
; Patent No. 6537751

;; GENERAL INFORMATION:  
;; APPLICANT: Cohen, Daniel  
;; APPLICANT: Blumenfeld, Marta  
;; APPLICANT: Chumakov, Ilya  
;; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...  
;; FILE REFERENCE: GENSET.020CPI

;; CURRENT APPLICATION NUMBER: US/09/422,978  
;; CURRENT FILING DATE: 1999-10-20  
;; EARLIER APPLICATION NUMBER: US 09/298,850  
;; EARLIER FILING DATE: 1999-04-21  
;; EARLIER APPLICATION NUMBER: US 60/109,732  
;; EARLIER FILING DATE: 1998-11-23  
;; EARLIER APPLICATION NUMBER: US 60/082,614  
;; EARLIER FILING DATE: 1998-04-21  
;; NUMBER OF SEQ ID NOS: 11796  
;; SEQ ID NO 2353

;; LENGTH: 47  
;; TYPE: DNA  
;; ORGANISM: Homo Sapiens  
;; FEATURE:  
;; NAME/KEY: allele  
;; LOCATION: 24  
;; OTHER INFORMATION: 99-10573-375 : polymorphic base G or A  
US-09-422-978-2353

Query Match 3.9%; Score 38.8; DB 1; Length 47;  
Best Local Similarity 90.9%; Pred. No. 8.9;  
Matches 40; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

Qy 1006 GATTCCTCTGTCTAGCTCCCAAGCAGCTGGATTACAGGCAC 1049

Db 2 GATTCCTCTGTCTAGCTCCCAAGCAGCTGGATTACAGGCAC 45

RESULT 15

US-09-422-978-1321/C

;; Sequence 1321, Application US/09422978

;; Patent No. 6537751

;; GENERAL INFORMATION:

;; APPLICANT: Cohen, Daniel

;; APPLICANT: Blumenfeld, Marta

;; APPLICANT: Chumakov, Ilya

;; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...

;; FILE REFERENCE: GENSET.020CPI

;; CURRENT APPLICATION NUMBER: US/09/422,978

;; CURRENT FILING DATE: 1999-10-20

;; EARLIER APPLICATION NUMBER: US 09/298,850

;; EARLIER FILING DATE: 1999-04-21

;; EARLIER APPLICATION NUMBER: US 60/109,732

;; EARLIER FILING DATE: 1998-11-23

;; EARLIER APPLICATION NUMBER: US 60/082,614

;; EARLIER FILING DATE: 1998-04-21  
;; NUMBER OF SEQ ID NOS: 11796  
;; SEQ ID NO 1321

;; LENGTH: 47

;; TYPE: DNA

;; ORGANISM: Homo Sapiens

;; FEATURE:

;; NAME/KEY: allele

;; LOCATION: 24

;; OTHER INFORMATION: 99-22844-211 : polymorphic base A or G  
US-09-422-978-1321

Query Match 3.8%; Score 38; DB 1; Length 47;  
Best Local Similarity 95.0%; Pred. No. 11;  
Matches 38; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

Qy 673 GCTCACTGCAACTCTGCTCCCGGTTCAAGTATTCTC 712

Db 46 GCTCACTGCAACTCTGCTCCCGGTTCAAGTATTCTC 7

RESULT 16

US-08-767-979-9/C

;; Sequence 9, Application US/08767979

;; Patent No. 5945283

;; GENERAL INFORMATION:

;; APPLICANT: Kwok, Pui-Yan

;; APPLICANT: Chen, Xiangning

;; TITLE OF INVENTION: Method for Nucleic Acid Analysis Using

;; TITLE OF INVENTION: Fluorescence Resonance Energy Transfer

;; NUMBER OF SEQUENCES: 34

;; CORRESPONDENCE ADDRESS:

;; ADDRESSEE: Howell & Haferkamp, L.C.

;; STREET: 7733 Forsyth Boulevard, Suite 1400

;; CITY: St. Louis

;; STATE: MO

;; COUNTRY: USA

;; ZIP: 63105-1817

;; COMPUTER READABLE FORM:

;; MEDIUM TYPE: Floppy disk

;; COMPUTER: IBM PC compatible

;; OPERATING SYSTEM: PC-DOS/MS-DOS

;; SOFTWARE: Patent in Release #1.0, Version #1.30

;; CURRENT APPLICATION DATA:

;; APPLICATION NUMBER: US/08/767,979

;; FILING DATE: 17-DEC-1996

;; CLASSIFICATION: 455

;; ATTORNEY/AGENT INFORMATION:

;; NAME: Holland, Donald R

;; REGISTRATION NUMBER: 35,197

;; REFERENCE/DOCKET NUMBER: 96-5219

;; TELECOMMUNICATION INFORMATION:

;; TELEPHONE: 314-727-5188

;; TELEFAX: 314-727-6092

;; INFORMATION FOR SEQ ID NO: 9:

;; SEQUENCE CHARACTERISTICS:

;; LENGTH: 40 base pairs

;; TYPE: nucleic acid

;; STRANDEDNESS: single

;; TOPOLOGY: linear

;; MOLECULE TYPE: other nucleic acid

;; DESCRIPTION: /desc = "D18S8 ALLELE G; DNA

;; DESCRIPTION: SEQUENCE OF A PORTION OF HUMAN D18S8 STS CONTAINING GUANIDINE AT

;; DESCRIPTION: ALLELIC NUCLEOTIDE POSITION 20;"

;; HYPOTHETICAL: NO

;; ANTI-SENSE: NO

US-08-767-979-9

Query Match 3.6%; Score 35.2; DB 1; Length 40;  
Best Local Similarity 92.5%; Pred. No. 15;  
Matches 37; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 675 TCACGTGCAACTCTGCTCCCGGTTCAAGTATTCTCTC 714

Db 40 TCACGTCAAGCTCTGCTCCGCGGTTCAAGCAATTCCT 1

RESULT 17  
US-09-295-026-9/c

Sequence 9, Application US/09295026  
Patent No. 6177249

GENERAL INFORMATION:  
APPLICANT: Kwok, Pui-Yan

TITLE OF INVENTION: Method for Nucleic Acid Analysis Using  
Fluorescence Resonance Energy Transfer

NUMBER OF SEQUENCES: 34

CORRESPONDENCE ADDRESS:  
ADDRESSEE: Howell & Hafekamp, L.C.

STREET: 7733 Forsyth Boulevard, Suite 1400  
CITY: St. Louis

STATE: MO  
COUNTRY: USA

ZIP: 63105-1817

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk

OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent in Release #1.0, Version #1.30

CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/295.026

FILING DATE: 20-Apr-1999  
CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/767,979

FILING DATE: <Unknown>  
ATTORNEY/AGENT INFORMATION:

NAME: Holland, Donald R.  
REGISTRATION NUMBER: 35,197

REFERENCE/DOCKET NUMBER: 96-5219  
TELECOMMUNICATION INFORMATION:

TELEPHONE: 314-727-5188  
TELEFAX: 314-727-6092

INFORMATION FOR SEQ ID NO: 9:  
SEQUENCE CHARACTERISTICS:

LENGTH: 40 base pairs  
TYPE: nucleic acid

STRANDEDNESS: single  
TOPOLOGY: linear

MOLECULE TYPE: other nucleic acid  
DESCRIPTION: /desc = "D1858 ALLELE G; DNA

HYPOTHETICAL: NO  
ANTI-SENSE: NO

SEQUENCE DESCRIPTION: SEQ ID NO: 9:  
US-09-295-026-9

Query Match 3.6%; Score 35.2; DB 1; Length 40;  
Best Local Similarity 92.5%; Pred. No. 15;

Matches 37; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 675 TCACGTCAAGCTCTGCTCCGCGGTTCAAGTATTCCT 714

Db 40 TCACGTCAAGCTCTGCTCCGCGGTTCAAGCAATTCCT 1

RESULT 18  
US-09-060-023A-2/c

Sequence 2, Application US/09060023A  
Patent No. 6391642

GENERAL INFORMATION:  
APPLICANT: Resnick, Michael A.

APPLICANT: Larionov, Vladimir L.  
APPLICANT: Kouprina, Natalay Y.

APPLICANT: Perkins, Edward L.  
TITLE OF INVENTION: TRANSFORMATION-ASSOCIATED RECOMBINATION  
CLONING

NUMBER OF SEQUENCES: 10  
CORRESPONDENCE ADDRESS:

ADDRESSEE: Needle & Rosenberg, P.C.  
STREET: Suite 1200, 127 Peachtree Street, N.E.

CITY: Atlanta  
STATE: Georgia

COUNTRY: USA  
ZIP: 30303-1811

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk

OPERATING SYSTEM: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent in Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/060.023A  
FILING DATE: April 14, 1998

PRIOR APPLICATION DATA:  
APPLICATION NUMBER: PCT/US96/11478

FILING DATE: JULY 9, 1996  
ATTORNEY/AGENT INFORMATION:

NAME: Perryman, David G.  
REGISTRATION NUMBER: 33,438

REFERENCE/DOCKET NUMBER: 14014.0291  
TELECOMMUNICATION INFORMATION:

TELEPHONE: 404-688-0770  
TELEFAX: 404-688-9880

INFORMATION FOR SEQ ID NO: 2:  
SEQUENCE CHARACTERISTICS:

LENGTH: 40 bases  
TYPE: nucleic acid

STRANDEDNESS: single  
TOPOLOGY: linear

MOLECULE TYPE: DNA (genomic)  
US-09-060-023A-2

Query Match 3.6%; Score 35.2; DB 1; Length 40;  
Best Local Similarity 92.5%; Pred. No. 15;

Matches 37; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 987 CTGCTCCCGGCGGTTCAAGGATTCTGTCACGCTCC 1026

Db 40 CCGCTCCCGGCGGTTCAAGGATTCTGCTCAGCTCC 1

RESULT 19  
US-08-255-889-10

Sequence 10, Application US/08255889  
Patent No. 5525467

GENERAL INFORMATION:  
APPLICANT: ANAND, RAKESH

TITLE OF INVENTION: AMPLIFICATION METHODS  
NUMBER OF SEQUENCES: 37

CORRESPONDENCE ADDRESS:  
ADDRESSEE: CUSHMAN DARBY & CUSHMAN

STREET: 1615 L STREET, N.W.  
CITY: WASHINGTON, D.C.

STATE:  
COUNTRY: U.S.A.

ZIP: 20036  
COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette, 3.5"  
COMPUTER: IBM PC

OPERATING SYSTEM: PC-DOS  
SOFTWARE: ASCII from MPS-DOS

CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/255.889

FILING DATE:  
CLASSIFICATION: 435

PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 9112801.7

FILING DATE: 13-Jun-1991  
APPLICATION NUMBER: 9112795.1

FILING DATE: 13-Jun-1991

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; APPLICATION NUMBER: 9112797.7
; FILING DATE: 13-Jun-1991
; APPLICATION NUMBER: 9112799.3
; FILING DATE: 13-Jun-1991
; APPLICATION NUMBER: US 07/899,067
; FILING DATE: 12-JUN-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: KOKULIS, PAUL N.
; REGISTRATION NUMBER: 16773
; REFERENCE/DOCKET NUMBER: 96358/PH.36394/US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 861-3000
; TELEFAX: (202) 822-0944
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 35
; TYPE: Nucleic acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
;
US-08-255-889-10

Query Match          3.5%; Score 34.2; DB 1; Length 35;
Best Local Similarity 94.3%; Pred. No. 15;
Matches 33; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY      852 GCCTCCCAAGTGTGGATTACAGCGGTAGGCCA 886
Db      1 GCCTCCCAAGTGTGGATTACAGGYRTAGGCCA 35

RESULT 20
US-08-767-979-8/c
; Sequence 8, Application US/08767979
; Patent No. 5945283
; GENERAL INFORMATION:
; APPLICANT: Kwok, Pui-Yan
; APPLICANT: Chen, Xiangning
; TITLE OF INVENTION: Method for Nucleic Acid Analysis Using
; TITLE OF INVENTION: Fluorescence Resonance Energy Transfer
; NUMBER OF SEQUENCES: 34
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Howell & Hafeerkamp, L.C.
; STREET: 7733 Forsyth Boulevard, Suite 1400
; CITY: St. Louis
; STATE: MO
; COUNTRY: USA
; ZIP: 63105-1817
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/767,979
; FILING DATE: 17-DEC-1996
; CLASSIFICATION: 455
; ATTORNEY/AGENT INFORMATION:
; NAME: Holland, Donald R.
; REGISTRATION NUMBER: 35,197
; REFERENCE/DOCKET NUMBER: 96-5219
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 314-727-5188
; TELEFAX: 314-727-6092
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 40 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "D18S8 ALLELE A; DNA
; DESCRIPTION: SEQUENCE OF A PORTION OF HUMAN D18S8 STS CONTAINING ADENOSINE AT
; DESCRIPTION: ALLELIC NUCLEOTIDE POSITION 20;"

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; HYPOTHEICAL: NO
; ANTI-SENSE: NO
;
US-08-767-979-8

Query Match          3.4%; Score 33.6; DB 1; Length 40;
Best Local Similarity 90.0%; Pred. No. 21;
Matches 36; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      675 TCACGTGAACCTGTGCTCCCGGTTCAAGTATTCTCCT 714
Db      40 TCACGTGAAGCTGTGCTCTCGGTTCAAGCAATTCTCCT 1

RESULT 21
US-09-295-026-8/c
; Sequence 8, Application US/09295026
; Patent No. 6177249
; GENERAL INFORMATION:
; APPLICANT: Kwok, Pui-Yan
; APPLICANT: Chen, Xiangning
; TITLE OF INVENTION: Method for Nucleic Acid Analysis Using
; TITLE OF INVENTION: Fluorescence Resonance Energy Transfer
; NUMBER OF SEQUENCES: 34
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Howell & Hafeerkamp, L.C.
; STREET: 7733 Forsyth Boulevard, Suite 1400
; CITY: St. Louis
; STATE: MO
; COUNTRY: USA
; ZIP: 63105-1817
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/295,026
; FILING DATE: 20-Apr-1999
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/767,979
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Holland, Donald R.
; REGISTRATION NUMBER: 35,197
; REFERENCE/DOCKET NUMBER: 96-5219
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 314-727-5188
; TELEFAX: 314-727-6092
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 40 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "D18S8 ALLELE A; DNA
; HYPOTHEICAL: NO
; ANTI-SENSE: NO
; SEQUENCE DESCRIPTION: SEQ ID NO: 8:
;
US-09-295-026-8

Query Match          3.4%; Score 33.6; DB 1; Length 40;
Best Local Similarity 90.0%; Pred. No. 21;
Matches 36; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      675 TCACGTGAACCTGTGCTCCCGGTTCAAGTATTCTCCT 714
Db      40 TCACGTGAAGCTGTGCTCTCGGTTCAAGCAATTCTCCT 1

RESULT 22
US-08-255-889-11/c

```



```
/ Sequence 11, Application US/08255889
/ Patent No. 5525467
/ GENERAL INFORMATION:
/ APPLICANT: ANAND, RAKESH
/ TITLE OF INVENTION: AMPLIFICATION METHODS
/ NUMBER OF SEQUENCES: 37
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: CUSHMAN DARBY & CUSHMAN
/ STREET: 1615 L STREET, N.W.
/ CITY: WASHINGTON, D.C.
/ STATE:
/ COUNTRY: U.S.A.
/ ZIP: 20036
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Diskette, 3.5"
/ COMPUTER: IBM PC
/ OPERATING SYSTEM: PC-DOS
/ SOFTWARE: ASCII from WPS-DOS
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/255,889
/ FILING DATE:
/ CLASSIFICATION: 435
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 9112801.7
/ FILING DATE: 13-Jun-1991
/ APPLICATION NUMBER: 9112795.1
/ FILING DATE: 13-Jun-1991
/ APPLICATION NUMBER: 9112797.7
/ FILING DATE: 13-Jun-1991
/ APPLICATION NUMBER: 9112799.3
/ FILING DATE: 13-Jun-1991
/ APPLICATION NUMBER: US 07/899,067
/ FILING DATE: 12-JUN-1992
/ ATTORNEY/AGENT INFORMATION:
/ NAME: KOKULIS, PAUL N.
/ REGISTRATION NUMBER: 16773
/ REFERENCE/DOCKET NUMBER: 96358/PH.36394/US
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (202) 861-3000
/ TELEFAX: (202) 822-0944
/ INFORMATION FOR SEQ ID NO: 11:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 35
/ TYPE: Nucleic acid
/ STRANDEDNESS: Single
/ TOPOLOGY: Linear
/ US-08-255-889-11

Query Match 3.2%; Score 31.8; DB 1; Length 35;
Best Local Similarity 77.1%; Pred. No. 25;
Matches 27; Conservative 8; Mismatches 0; Indels 0; Gaps 0;

QY 643 CCCAGGCTGAGTGCAGTGGCGCAATCTTGGCTCA 677
DB 35 CCCAGGCTGAGTGCAGTGGCGCAATCTTGGCTCA 1

RESULT 23
US-09-304-232-859
/ Sequence 859, Application US/09304232
/ Patent No. 6525185
/ GENERAL INFORMATION:
/ APPLICANT: Fan, Jian Bing
/ APPLICANT: Chakravarti, Aravinda
/ APPLICANT: Halushka, Marc Kenneth
/ APPLICANT: Case Western Reserve University School of Medicine
/ APPLICANT: Affymetrix, Inc.
/ TITLE OF INVENTION: Polymorphisms Associated With
/ TITLE OF INVENTION: Hypertension
/ FILE REFERENCE: 018547-034210US
/ CURRENT APPLICATION NUMBER: US/09/304,232
/ CURRENT FILING DATE: 1999-05-03
/ EARLIER APPLICATION NUMBER: US 60/084,641
```

```
/ EARLIER FILING DATE: 1998-05-07
/ NUMBER OF SEQ ID NOS: 909
/ SOFTWARE: FastSeq for Windows Version 3.0
/ SEQ ID NO 859
/ LENGTH: 29
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: TBXA2REX3 599
/ US-09-304-232-859

Query Match 2.8%; Score 27.6; DB 1; Length 29;
Best Local Similarity 96.4%; Pred. No. 47;
Matches 27; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 643 CCCAGGCTGAGTGCAGTGGCGCAATCT 670
DB 1 CCCAGGCTGAGTGCAGTGGCGCAATCT 28

RESULT 24
US-08-070-517-3/C
/ Sequence 3, Application US/08070517
/ Patent No. 5538659
/ GENERAL INFORMATION:
/ APPLICANT: Michael J. Siciliano
/ TITLE OF INVENTION: In-Situ Hybridization Probes for
/ TITLE OF INVENTION: Identification and Banding of
/ TITLE OF INVENTION: Specific Human Chromosomes and
/ NUMBER OF SEQUENCES: 5
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Arnold, White & Durkee
/ STREET: P.O. Box 4433
/ CITY: Houston
/ STATE: Texas
/ COUNTRY: USA
/ ZIP: 77210
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy Disk
/ COMPUTER: IBM PC Compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: ASCII-DOS
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/070,517
/ FILING DATE: 19930601
/ CLASSIFICATION: 435
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Barbara S. Kitchell
/ REGISTRATION NUMBER: 33,928
/ REFERENCE/DOCKET NUMBER: UTSC.290/KIT
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (512) 320-7200
/ TELEFAX: (512) 474-7577
/ INFORMATION FOR SEQ ID NO: 3:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 31 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ US-08-070-517-3

Query Match 2.8%; Score 27.6; DB 1; Length 31;
Best Local Similarity 90.0%; Pred. No. 51;
Matches 27; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 868 GGATTACAGGCGTGCAGCCACGCGCCGCGC 897
DB 31 GGATTACAGGCGTGCAGCCACGCGCCGCGC 2

RESULT 25
```

```
US-09-304-232-196
; Sequence 196, Application US/09304232
; Patent No. 6525185
; GENERAL INFORMATION:
; APPLICANT: Fan, Jian Bing
; APPLICANT: Chakravarti, Aravinda
; APPLICANT: Halushka, Marc Kenneth
; APPLICANT: Case Western Reserve University School of Medicine
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Polymorphisms Associated With
; FILE REFERENCE: 018547-034210US
; CURRENT APPLICATION NUMBER: US/09/304,232
; EARLIER FILING DATE: 1999-05-03
; EARLIER APPLICATION NUMBER: US 60/084,641
; NUMBER OF SEQ ID NOS: 909
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 196
; LENGTH: 29
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: APOC4 1287
; US-09-304-232-196

Query Match      2.7%; Score 27; DB 1; Length 29;
Best Local Similarity 93.1%; Pred. No. 53;
Matches 27; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY      849 TCGGCTCCCAAGTCTGGGATTACAG 877
Db      1 TTGGCTCCCAAGTCTGGGATTACAG 29

RESULT 26
US-09-304-232-503
; Sequence 503, Application US/09304232
; Patent No. 6525185
; GENERAL INFORMATION:
; APPLICANT: Fan, Jian Bing
; APPLICANT: Chakravarti, Aravinda
; APPLICANT: Halushka, Marc Kenneth
; APPLICANT: Case Western Reserve University School of Medicine
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Polymorphisms Associated With
; FILE REFERENCE: 018547-034210US
; CURRENT APPLICATION NUMBER: US/09/304,232
; EARLIER FILING DATE: 1999-05-03
; EARLIER APPLICATION NUMBER: US 60/084,641
; NUMBER OF SEQ ID NOS: 909
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 503
; LENGTH: 29
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: GLUT4EX11 1005
; US-09-304-232-503

Query Match      2.7%; Score 27; DB 1; Length 29;
Best Local Similarity 93.1%; Pred. No. 53;
Matches 27; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY      862 GTGCTGGATTACAGCGGTAGCCACAC 890
Db      1 GTGCTGGATTACAGCGGTAGCCACCG 29

RESULT 27
US-09-304-232-571
```

```
; Sequence 571, Application US/09304232
; Patent No. 6525185
; GENERAL INFORMATION:
; APPLICANT: Fan, Jian Bing
; APPLICANT: Chakravarti, Aravinda
; APPLICANT: Halushka, Marc Kenneth
; APPLICANT: Case Western Reserve University School of Medicine
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Polymorphisms Associated With
; FILE REFERENCE: 018547-034210US
; CURRENT APPLICATION NUMBER: US/09/304,232
; EARLIER FILING DATE: 1999-05-03
; EARLIER APPLICATION NUMBER: US 60/084,641
; NUMBER OF SEQ ID NOS: 909
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 571
; LENGTH: 29
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: HSTSCGENE 3838
; US-09-304-232-571

Query Match      2.7%; Score 27; DB 1; Length 29;
Best Local Similarity 93.1%; Pred. No. 53;
Matches 27; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY      856 CCCAAGTCTGGGATTACAGCGGTAGC 884
Db      1 CCCAAGTCTGGGATTACAGCGGTAGC 29

RESULT 28
US-09-304-232-700
; Sequence 700, Application US/09304232
; Patent No. 6525185
; GENERAL INFORMATION:
; APPLICANT: Fan, Jian Bing
; APPLICANT: Chakravarti, Aravinda
; APPLICANT: Halushka, Marc Kenneth
; APPLICANT: Case Western Reserve University School of Medicine
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Polymorphisms Associated With
; FILE REFERENCE: 018547-034210US
; CURRENT APPLICATION NUMBER: US/09/304,232
; EARLIER FILING DATE: 1999-05-03
; EARLIER APPLICATION NUMBER: US 60/084,641
; NUMBER OF SEQ ID NOS: 909
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 700
; LENGTH: 29
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PGISX10 3061
; US-09-304-232-700

Query Match      2.7%; Score 27; DB 1; Length 29;
Best Local Similarity 93.1%; Pred. No. 53;
Matches 27; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY      713 CTGCCAGCTCTGAGTAGTGGAGT 741
Db      1 CTGCTTAGCTCTCGAGTAGTGGAGT 29

RESULT 29
US-09-304-232-705
; Sequence 705, Application US/09304232
```

Patent No. 6525185  
 GENERAL INFORMATION:  
 APPLICANT: Pan, Jian Bing  
 APPLICANT: Chakravarti, Aravinda  
 APPLICANT: Halushka, Marc Kenneth  
 APPLICANT: Case Western Reserve University School of Medicine  
 APPLICANT: Affymetrix, Inc.  
 TITLE OF INVENTION: Polymorphisms Associated with  
 TITLE OF INVENTION: Hypertension  
 FILE REFERENCE: 018547-034210US  
 CURRENT APPLICATION NUMBER: US/09/304,232  
 CURRENT FILING DATE: 1999-05-03  
 EARLIER APPLICATION NUMBER: US 60/084,641  
 EARLIER FILING DATE: 1998-05-07  
 NUMBER OF SEQ ID NOS: 909  
 SOFTWARE: FastSeq for Windows Version 3.0  
 SEQ ID NO 705  
 LENGTH: 29  
 TYPE: DNA  
 ORGANISM: Artificial Sequence  
 FEATURE:  
 OTHER INFORMATION: PGISEX10 3186  
 US-09-304-232-705

NAME: Ludwig, Steven R.  
REGISTRATION NUMBER: 36,203  
REFERENCE/DOCKET NUMBER: 0609.3840002  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (202) 371-2540  
TELEFAX: (202) 371-2540  
INFORMATION FOR SEQ ID NO: 6:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 30 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: both  
TOPOLOGY: both  
US-08-340-426D-6

Query Match 2.7%; Score 26.4; DB 1; Length 30;  
Best Local Similarity 96.4%; Pred. No. 63;  
Matches 27; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1000 TCAAGCATTCCTGCTCAGCCTCCC 1027  
DB 29 TCAAGCATTCCTGCTCAGCCTCCC 2

RESULT 33  
US-08-450-673C-6/c  
Sequence 6, Application US/08450673C  
Patent No. 594888  
GENERAL INFORMATION:  
APPLICANT: de la Monte, Suzanne  
APPLICANT: Wands, Jack R.  
TITLE OF INVENTION: Neural Thread Protein Gene Expression and Detection  
NUMBER OF SEQUENCES: 121  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Sterne, Kessler, Goldstein & Fox P.L.L.C.  
STREET: 1100 New York Avenue, Suite 600  
CITY: Washington  
STATE: D.C.  
COUNTRY: U.S.A.  
ZIP: 20005-3934  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/450,673C  
FILING DATE: 30-MAY-1995  
CLASSIFICATION: 530  
ATTORNEY/AGENT INFORMATION:  
NAME: Ludwig, Steven R.  
REGISTRATION NUMBER: 36,203  
REFERENCE/DOCKET NUMBER: 0609.3840004  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (202) 371-2600  
TELEFAX: (202) 371-2540  
INFORMATION FOR SEQ ID NO: 6:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 30 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: both  
TOPOLOGY: both  
US-08-450-673C-6

Query Match 2.7%; Score 26.4; DB 1; Length 30;  
Best Local Similarity 96.4%; Pred. No. 63;  
Matches 27; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1000 TCAAGCATTCCTGCTCAGCCTCCC 1027  
DB 29 TCAAGCATTCCTGCTCAGCCTCCC 2

RESULT 34  
PCT-US95-17111A-6/c  
Sequence 6, Application PC/TUS9517111A

GENERAL INFORMATION:  
APPLICANT: de la Monte, Suzanne  
APPLICANT: Wands, Jack R.  
TITLE OF INVENTION: Neural Thread Protein Gene Expression and  
TITLE OF INVENTION: Detection of Alzheimer's Disease  
NUMBER OF SEQUENCES: 121  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Sterne, Kessler, Goldstein & Fox P.L.L.C.  
STREET: 1100 New York Avenue, Suite 600  
CITY: Washington  
STATE: D.C.  
COUNTRY: U.S.A.  
ZIP: 20005-3934  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: PCT/US95/17111A  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/340,426  
FILING DATE: 14-NOV-1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Ludwig, Steven R.  
REGISTRATION NUMBER: 36,203  
REFERENCE/DOCKET NUMBER: 0609.3840002  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (202) 371-2600  
TELEFAX: (202) 371-2540  
INFORMATION FOR SEQ ID NO: 6:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 30 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: both  
TOPOLOGY: both  
PCT-US95-17111A-6

Query Match 2.7%; Score 26.4; DB 1; Length 30;  
Best Local Similarity 96.4%; Pred. No. 63;  
Matches 27; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1000 TCAAGCATTCCTGCTCAGCCTCCC 1027  
DB 29 TCAAGCATTCCTGCTCAGCCTCCC 2

RESULT 35  
US-09-304-232-161/c  
Sequence 161, Application US/09304232  
Patent No. 6525185  
GENERAL INFORMATION:  
APPLICANT: Fan, Jian Bing  
APPLICANT: Chakravarti, Aravinda  
APPLICANT: Halushka, Marc Kenneth  
APPLICANT: Case Western Reserve University School of Medicine  
APPLICANT: Affymetrix, Inc.  
TITLE OF INVENTION: Polymorphisms Associated With  
TITLE OF INVENTION: Hypertension  
FILE REFERENCE: 018547-034210US  
CURRENT APPLICATION NUMBER: US/09/304,232  
CURRENT FILING DATE: 1999-05-03  
EARLIER APPLICATION NUMBER: US 60/084,641  
EARLIER FILING DATE: 1998-05-07  
NUMBER OF SEQ ID NOS: 909  
SOFTWARE: FastSeq for Windows Version 3.0  
SEQ ID NO 161  
LENGTH: 29

TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: APOC1EX1 1411  
US-09-304-232-161

Query Match 2.6%; Score 26; DB 1; Length 29;  
Best Local Similarity 92.9%; Pred. No. 65;  
Matches 26; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 690 CCTCCGGGTTCAAGTATTCTCTCCGCC 717  
DB 29 CTTCCGGGTTCAAGTATTCTCTCCGCC 2

RESULT 36  
US-09-304-232-193  
Sequence 193, Application US/09304232  
Patent No. 6525185  
GENERAL INFORMATION:  
APPLICANT: Fan, Jian Bing  
APPLICANT: Chakravarti, Aravinda  
APPLICANT: Halushka, Marc Kenneth  
APPLICANT: Case Western Reserve University School of Medicine  
TITLE OF INVENTION: Polymorphisms Associated with  
FILE REFERENCE: 018547-034210US  
CURRENT APPLICATION NUMBER: US/09/304,232  
CURRENT FILING DATE: 1999-05-03  
EARLIER APPLICATION NUMBER: US 60/084,641  
EARLIER FILING DATE: 1998-05-07  
NUMBER OF SEQ ID NOS: 909  
SOFTWARE: FastSeq for Windows Version 3.0  
SEQ ID NO 193  
LENGTH: 29  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: APOC4 1150  
US-09-304-232-193

Query Match 2.6%; Score 26; DB 1; Length 29;  
Best Local Similarity 92.9%; Pred. No. 65;  
Matches 26; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 860 AACTGCTGGATTACAGCGCTGAGCCAC 887  
DB 1 AAGTGCTAGGATTAYAGCGCTGAGCCAC 28

RESULT 37  
US-09-304-232-863  
Sequence 863, Application US/09304232  
Patent No. 6525185  
GENERAL INFORMATION:  
APPLICANT: Fan, Jian Bing  
APPLICANT: Chakravarti, Aravinda  
APPLICANT: Halushka, Marc Kenneth  
APPLICANT: Case Western Reserve University School of Medicine  
TITLE OF INVENTION: Polymorphisms Associated with  
FILE REFERENCE: 018547-034210US  
CURRENT APPLICATION NUMBER: US/09/304,232  
CURRENT FILING DATE: 1999-05-03  
EARLIER APPLICATION NUMBER: US 60/084,641  
EARLIER FILING DATE: 1998-05-07  
NUMBER OF SEQ ID NOS: 909  
SOFTWARE: FastSeq for Windows Version 3.0  
SEQ ID NO 863  
LENGTH: 29  
TYPE: DNA

ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: TBXA2REX3 953  
US-09-304-232-863

Query Match 2.6%; Score 26; DB 1; Length 29;  
Best Local Similarity 92.9%; Pred. No. 65;  
Matches 26; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 1000 TCAAGCGATTCTCTGCTCAAGCCTCC 1027  
DB 2 TCAAGCGATTCTCTGCTCAAGCCTCC 29

RESULT 38  
US-08-454-557C-5/c  
Sequence 5, Application US/08454557C  
Patent No. 5830670  
GENERAL INFORMATION:  
APPLICANT: de la Monte, Suzanne  
APPLICANT: Wands, Jack R.  
TITLE OF INVENTION: Neutral Thread Protein Gene Expression and Detection  
NUMBER OF SEQUENCES: 121  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Sterne, Kessler, Goldstein & Fox P.L.L.C.  
STREET: 1100 New York Avenue, Suite 600  
CITY: Washington  
STATE: D.C.  
COUNTRY: U.S.A.  
ZIP: 20005-3934  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/454,557C  
FILING DATE: 30-MAY-1995  
CLASSIFICATION: 514  
ATTORNEY/AGENT INFORMATION:  
NAME: Ludwig, Steven R.  
REGISTRATION NUMBER: 36, 203  
REFERENCE/DOCKET NUMBER: 0609.3840003  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (202) 371-2600  
TELEFAX: (202) 371-2540  
INFORMATION FOR SEQ ID NO: 5:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 30 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: both  
TOPOLOGY: both  
US-08-454-557C-5

Query Match 2.6%; Score 25.8; DB 1; Length 30;  
Best Local Similarity 93.1%; Pred. No. 71;  
Matches 27; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 980 GCAACCTTGCTCCCGGCTCAAGCGAT 1008  
DB 29 GCAACCTCGGCTCCCGGCTCAAGCGAT 1

RESULT 39  
US-08-340-426D-5/c  
Sequence 5, Application US/08340426D  
Patent No. 5948634  
GENERAL INFORMATION:  
APPLICANT: de la Monte, Suzanne  
APPLICANT: Wands, Jack R.  
TITLE OF INVENTION: Neutral Thread Protein Gene Expression and Detection  
TITLE OF INVENTION: of Alzheimer's Disease

NUMBER OF SEQUENCES: 121  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Sterne, Kessler, Goldstein & Fox P.L.L.C.  
STREET: 1100 New York Avenue, Suite 600  
CITY: Washington  
STATE: D.C.  
COUNTRY: U.S.A.  
ZIP: 20005-3934  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/340,426D  
FILING DATE: 14-NOV-1994  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Ludwig, Steven R.  
REGISTRATION NUMBER: 36,203  
REFERENCE/DOCKET NUMBER: 0609.3840002  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (202) 371-2600  
TELEFAX: (202) 371-2540  
INFORMATION FOR SEQ ID NO: 5:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 30 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: both  
TOPOLOGY: both  
US-08-340-426D-5

Query Match 2.6%; Score 25.8; DB 1; Length 30;  
Best Local Similarity 93.1%; Pred. No. 71;  
Matches 27; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 980 GCAACCTCTGCTCCCGGGCTCAAGCGAT 1008  
DB 29 GCAACCTCCGCTCCCGGGTCAAGCGAT 1

RESULT 40  
US-08-450-673C-5/c  
Sequence 5, Application US/08450673C  
Patent No. 5948888  
GENERAL INFORMATION:  
APPLICANT: de la Monte, Suzanne  
APPLICANT: Wanda, Jack R.  
TITLE OF INVENTION: Neutral Thread Protein Gene Expression and Detection  
TITLE OF INVENTION: of Alzheimer's Disease  
NUMBER OF SEQUENCES: 121  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Sterne, Kessler, Goldstein & Fox P.L.L.C.  
STREET: 1100 New York Avenue, Suite 600  
CITY: Washington  
STATE: D.C.  
COUNTRY: U.S.A.  
ZIP: 20005-3934  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/450,673C  
FILING DATE: 30-MAY-1995  
CLASSIFICATION: 530  
ATTORNEY/AGENT INFORMATION:  
NAME: Ludwig, Steven R.  
REGISTRATION NUMBER: 36,203  
REFERENCE/DOCKET NUMBER: 0609.3840004  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (202) 371-2600

TELEFAX: (202) 371-2540  
INFORMATION FOR SEQ ID NO: 5:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 30 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: both  
TOPOLOGY: both  
US-08-450-673C-5

Query Match 2.6%; Score 25.8; DB 1; Length 30;  
Best Local Similarity 93.1%; Pred. No. 71;  
Matches 27; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 980 GCAACCTCTGCTCCCGGGCTCAAGCGAT 1008  
DB 29 GCAACCTCCGCTCCCGGGTCAAGCGAT 1

RESULT 41  
PCT-US95-17111A-5/c  
Sequence 5, Application PC/TUS9517111A  
GENERAL INFORMATION:  
APPLICANT: de la Monte, Suzanne  
APPLICANT: Wanda, Jack R.  
TITLE OF INVENTION: Neutral Thread Protein Gene Expression and  
TITLE OF INVENTION: Detection of Alzheimer's Disease  
NUMBER OF SEQUENCES: 121  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Sterne, Kessler, Goldstein & Fox P.L.L.C.  
STREET: 1100 New York Avenue, Suite 600  
CITY: Washington  
STATE: D.C.  
COUNTRY: U.S.A.  
ZIP: 20005-3934  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: PCT/US95/17111A  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/340,426  
FILING DATE: 14-NOV-1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Ludwig, Steven R.  
REGISTRATION NUMBER: 36,203  
REFERENCE/DOCKET NUMBER: 0609.3840002  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (202) 371-2600  
TELEFAX: (202) 371-2540  
INFORMATION FOR SEQ ID NO: 5:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 30 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: both  
TOPOLOGY: both  
PCT-US95-17111A-5

Query Match 2.6%; Score 25.8; DB 1; Length 30;  
Best Local Similarity 93.1%; Pred. No. 71;  
Matches 27; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 980 GCAACCTCTGCTCCCGGGCTCAAGCGAT 1008  
DB 29 GCAACCTCCGCTCCCGGGTCAAGCGAT 1

RESULT 42  
US-09-304-232-184/c  
Sequence 184, Application US/09304232

```
Patent No. 6525185
GENERAL INFORMATION:
APPLICANT: Fan, Jian Bing
APPLICANT: Chakravarti, Aravinda
APPLICANT: Halushka, Marc Kenneth
APPLICANT: Case Western Reserve University School of Medicine
APPLICANT: Affymetrix, Inc.
TITLE OF INVENTION: Polymorphisms Associated with
FILE REFERENCE: 018547-034210US
CURRENT APPLICATION NUMBER: US/09/304,232
EARLIER FILING DATE: 1999-05-03
EARLIER FILING DATE: 1998-05-07
NUMBER OF SEQ ID NOS: 909
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 184
LENGTH: 29
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: APOC3 1931
US-09-304-232-184
```

```
Query Match 2.6%; Score 25.4; DB 1; Length 29;
Best Local Similarity 89.7%; Pred. No. 74;
Matches 26; Conservative 1; Mismatches 2; Indels 0; Gaps 0;
```

```
QY 675 TCACCTGCACTCTGCTCCCGGTTCAA 703
DB 29 TCACCTGCACTCTCTCTCCCGGTTCAA 1
```

```
RESULT 43
US-09-304-232-195
Sequence 195, Application US/09304232
Patent No. 6525185
GENERAL INFORMATION:
APPLICANT: Fan, Jian Bing
APPLICANT: Chakravarti, Aravinda
APPLICANT: Halushka, Marc Kenneth
APPLICANT: Case Western Reserve University School of Medicine
APPLICANT: Affymetrix, Inc.
TITLE OF INVENTION: Polymorphisms Associated with
FILE REFERENCE: 018547-034210US
CURRENT APPLICATION NUMBER: US/09/304,232
EARLIER FILING DATE: 1999-05-03
EARLIER FILING DATE: 1998-05-07
NUMBER OF SEQ ID NOS: 909
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 195
LENGTH: 29
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: APOC4 1281
US-09-304-232-195
```

```
Query Match 2.6%; Score 25.4; DB 1; Length 29;
Best Local Similarity 89.7%; Pred. No. 74;
Matches 26; Conservative 1; Mismatches 2; Indels 0; Gaps 0;
```

```
QY 843 CTTGCTCTGCTCCCAAGTCTGGGAT 871
DB 1 CCGGCTTGGCTCTCYCAAGTCTGGGAT 29
```

```
RESULT 44
US-09-304-232-217
Sequence 217, Application US/09304232
Patent No. 6525185
```

```
GENERAL INFORMATION:
APPLICANT: Fan, Jian Bing
APPLICANT: Chakravarti, Aravinda
APPLICANT: Halushka, Marc Kenneth
APPLICANT: Case Western Reserve University School of Medicine
APPLICANT: Affymetrix, Inc.
TITLE OF INVENTION: Polymorphisms Associated with
FILE REFERENCE: 018547-034210US
CURRENT APPLICATION NUMBER: US/09/304,232
EARLIER FILING DATE: 1999-05-03
EARLIER FILING DATE: 1998-05-07
NUMBER OF SEQ ID NOS: 909
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 217
LENGTH: 29
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: APOC4 931
US-09-304-232-217
```

```
Query Match 2.6%; Score 25.4; DB 1; Length 29;
Best Local Similarity 89.7%; Pred. No. 74;
Matches 26; Conservative 1; Mismatches 2; Indels 0; Gaps 0;
```

```
QY 644 CCAGCTGAGTGCAGTGGCGCAATCTTG 672
DB 1 CCAGCTGAGTGCAGTGGCGCAATCTTG 29
```

```
RESULT 45
US-09-304-232-265/C
Sequence 265, Application US/09304232
Patent No. 6525185
GENERAL INFORMATION:
APPLICANT: Fan, Jian Bing
APPLICANT: Chakravarti, Aravinda
APPLICANT: Halushka, Marc Kenneth
APPLICANT: Case Western Reserve University School of Medicine
APPLICANT: Affymetrix, Inc.
TITLE OF INVENTION: Polymorphisms Associated with
FILE REFERENCE: 018547-034210US
CURRENT APPLICATION NUMBER: US/09/304,232
EARLIER FILING DATE: 1999-05-03
EARLIER FILING DATE: 1998-05-07
NUMBER OF SEQ ID NOS: 909
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 265
LENGTH: 29
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: BIR 2954
US-09-304-232-265
```

```
Query Match 2.6%; Score 25.4; DB 1; Length 29;
Best Local Similarity 89.7%; Pred. No. 74;
Matches 26; Conservative 1; Mismatches 2; Indels 0; Gaps 0;
```

```
QY 670 TTGGCTCACTGCACTCTGCTCCCGG 698
DB 29 TTGGCTCACTGCACTCTGCTCCCGG 1
```

```
RESULT 46
US-09-304-232-699
Sequence 699, Application US/09304232
Patent No. 6525185
GENERAL INFORMATION:
```



```
/ APPLICANT: Fan, Jian Bing
/ APPLICANT: Chakravarti, Aravinda
/ APPLICANT: Halushka, Marc Kenneth
/ APPLICANT: Case Western Reserve University School of Medicine
/ APPLICANT: Affymetrix, Inc.
/ TITLE OF INVENTION: Polymorphisms Associated With
/ TITLE OF INVENTION: Hypertension
/ FILE REFERENCE: 018547-034210US
/ CURRENT APPLICATION NUMBER: US/09/304,232
/ EARLIER FILING DATE: 1999-05-03
/ EARLIER APPLICATION NUMBER: US 60/084,641
/ EARLIER FILING DATE: 1998-05-07
/ NUMBER OF SEQ ID NOS: 909
/ SOFTWARE: FastSeq for Windows Version 3.0
/ SEQ ID NO 699
/ LENGTH: 29
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: PGISEX10 3022
US-09-304-232-699
```

```
Query Match          2.6%; Score 25.4; DB 1; Length 29;
Best Local Similarity 89.7%; Pred. No. 74;
Matches 26; Conservative 1; Mismatches 2; Indels 0; Gaps 0;
```

```
OY 674 CTCACGCAACCTGCTGCTCCCGGGTTCA 702
DB 1 CTCACGCAACCTGCTGCTCCCGGGTTCA 29
```

```
RESULT 47
US-09-304-232-712
/ Sequence 712, Application US/09304232
/ Patent No. 6525185
/ GENERAL INFORMATION:
/ APPLICANT: Fan, Jian Bing
/ APPLICANT: Chakravarti, Aravinda
/ APPLICANT: Halushka, Marc Kenneth
/ APPLICANT: Case Western Reserve University School of Medicine
/ APPLICANT: Affymetrix, Inc.
/ TITLE OF INVENTION: Polymorphisms Associated With
/ TITLE OF INVENTION: Hypertension
/ FILE REFERENCE: 018547-034210US
/ CURRENT APPLICATION NUMBER: US/09/304,232
/ EARLIER FILING DATE: 1999-05-03
/ EARLIER APPLICATION NUMBER: US 60/084,641
/ EARLIER FILING DATE: 1998-05-07
/ NUMBER OF SEQ ID NOS: 909
/ SOFTWARE: FastSeq for Windows Version 3.0
/ SEQ ID NO 712
/ LENGTH: 29
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: PGISEX10 3651
US-09-304-232-712
```

```
Query Match          2.6%; Score 25.4; DB 1; Length 29;
Best Local Similarity 89.7%; Pred. No. 74;
Matches 26; Conservative 1; Mismatches 2; Indels 0; Gaps 0;
```

```
OY 869 GATTACGAGCGTGGAGCCACGACGCGCGC 897
DB 1 GATTACGAGCGTGGAGCCACGACGCGCGC 29
```

```
RESULT 48
US-09-304-232-845
/ Sequence 845, Application US/09304232
/ Patent No. 6525185
/ GENERAL INFORMATION:
/ APPLICANT: Fan, Jian Bing
```

```
/ APPLICANT: Chakravarti, Aravinda
/ APPLICANT: Halushka, Marc Kenneth
/ APPLICANT: Case Western Reserve University School of Medicine
/ APPLICANT: Affymetrix, Inc.
/ TITLE OF INVENTION: Polymorphisms Associated With
/ TITLE OF INVENTION: Hypertension
/ FILE REFERENCE: 018547-034210US
/ CURRENT APPLICATION NUMBER: US/09/304,232
/ EARLIER FILING DATE: 1999-05-03
/ EARLIER APPLICATION NUMBER: US 60/084,641
/ EARLIER FILING DATE: 1998-05-07
/ NUMBER OF SEQ ID NOS: 909
/ SOFTWARE: FastSeq for Windows Version 3.0
/ SEQ ID NO 845
/ LENGTH: 29
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: TBXA2RREX1B 130
US-09-304-232-845
```

```
Query Match          2.6%; Score 25.4; DB 1; Length 29;
Best Local Similarity 89.7%; Pred. No. 74;
Matches 26; Conservative 1; Mismatches 2; Indels 0; Gaps 0;
```

```
OY 1017 CTCAGCCTCCCAAGCAGCTGGGATTACG 1045
DB 1 CTCAGCCTCCCAAGCAGCTGGGATTACG 29
```

```
RESULT 49
US-09-837-149-4
/ Sequence 4, Application US/09837149
/ Patent No. 6448014
/ GENERAL INFORMATION:
/ APPLICANT: Cloyd, Miles W.
/ APPLICANT: Yen, Chi-Cheng M.
/ TITLE OF INVENTION: PCR-Hybridization Assays Specific for
/ TITLE OF INVENTION: Integrated Retroviruses
/ FILE REFERENCE: D6285
/ CURRENT APPLICATION NUMBER: US/09/837,149
/ EARLIER FILING DATE: 2001-04-18
/ PRIOR APPLICATION NUMBER: US 60/198,884
/ PRIOR FILING DATE: 2000-04-19
/ NUMBER OF SEQ ID NOS: 4
/ SEQ ID NO 4
/ LENGTH: 25
/ TYPE: DNA
/ ORGANISM: artificial sequence
/ FEATURE:
/ NAME/KEY: primer
/ OTHER INFORMATION: primer for the Alu sequence in the human
/ OTHER INFORMATION: chromosomal DNA
US-09-837-149-4
```

```
Query Match          2.5%; Score 25; DB 1; Length 25;
Best Local Similarity 100.0%; Pred. No. 65;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
OY 382 GCCTCCCAAGTGTGGATTACG 406
DB 1 GCCTCCCAAGTGTGGATTACG 25
```

```
RESULT 50
US-09-304-232-185/C
/ Sequence 185, Application US/09304232
/ Patent No. 6525185
/ GENERAL INFORMATION:
/ APPLICANT: Fan, Jian Bing
/ APPLICANT: Chakravarti, Aravinda
/ APPLICANT: Halushka, Marc Kenneth
```

```
/ APPLICANT: Case Western Reserve University School of Medicine
/ APPLICANT: Affymetrix, Inc.
/ TITLE OF INVENTION: Polymorphisms Associated With
/ TITLE OF INVENTION: Hypertension
/ FILE REFERENCE: 018547-034210US
/ CURRENT APPLICATION NUMBER: US/09/304,232
/ EARLIER FILING DATE: 1999-05-03
/ EARLIER FILING DATE: 1998-05-07
/ NUMBER OF SEQ ID NOS: 909
/ SOFTWARE: FastSeq for Windows Version 3.0
/ SEQ ID NO 185
/ LENGTH: 29
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: APOC3 1975
/ US-09-304-232-185

Query Match      2.5%; Score 24.6; DB 1; Length 29;
Best Local Similarity 96.0%; Pred. No. 87;
Matches 24; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY      635 CTCTGTCACCCAGCGCTGAGTGCAG 659
DB      25 CTCTGTCACCTAGCTGAGTGCAG 1

RESULT 51
US-08-859-998-66
/ Sequence 66, Application US/08859998
/ Patent No. 5994076
/ GENERAL INFORMATION:
/ APPLICANT: Chenchik, Alex
/ APPLICANT: Jekhadze, George
/ APPLICANT: Bibilashvili, Robert
/ TITLE OF INVENTION: METHOD OF ASSAYING DIFFERENTIAL
/ NUMBER OF SEQUENCES: 1375
/ CLASSIFICATION: 435
/ FILING DATE: 21-MAY-1997
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/859,998
/ FILING DATE: 21-MAY-1997
/ CLASSIFICATION: 435
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER:
/ FILING DATE:
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Field, Bret E.
/ REGISTRATION NUMBER: 37,620
/ REFERENCE/DOCKET NUMBER: 09096/002001
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 415-322-5070
/ TELEFAX: 415-854-0875
/ INFORMATION FOR SEQ ID NO: 66:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 26 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: DNA
/ FEATURE:
```

```
/ OTHER INFORMATION: oligonucleotide primer
/ US-08-859-998-66

Query Match      2.5%; Score 24.4; DB 1; Length 26;
Best Local Similarity 96.2%; Pred. No. 77;
Matches 25; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      859 AAAGTCTGGATTACAGCGGTGAC 884
DB      1 AAAGTCTAGATTACAGCGGTGAC 26

RESULT 52
US-08-859-998-1072
/ Sequence 1072, Application US/08859998
/ Patent No. 5994076
/ GENERAL INFORMATION:
/ APPLICANT: Chenchik, Alex
/ APPLICANT: Jekhadze, George
/ APPLICANT: Bibilashvili, Robert
/ TITLE OF INVENTION: METHOD OF ASSAYING DIFFERENTIAL
/ NUMBER OF SEQUENCES: 1375
/ CLASSIFICATION: 435
/ FILING DATE: 21-MAY-1997
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER:
/ FILING DATE:
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Field, Bret E.
/ REGISTRATION NUMBER: 37,620
/ REFERENCE/DOCKET NUMBER: 09096/002001
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 415-322-5070
/ TELEFAX: 415-854-0875
/ INFORMATION FOR SEQ ID NO: 1072:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 26 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: DNA
/ FEATURE:
/ OTHER INFORMATION: oligonucleotide primer
/ US-08-859-998-1072

Query Match      2.5%; Score 24.4; DB 1; Length 26;
Best Local Similarity 96.2%; Pred. No. 77;
Matches 25; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      650 TGAAGTCAGTGGCCGCAATCTTGCT 675
DB      1 TGAAGTCAGTGGCCGCAATCTTGCT 26

RESULT 53
US-09-225-928-66
/ Sequence 66, Application US/09225928
/ Patent No. 6352829
```

GENERAL INFORMATION:  
APPLICANT: Chenchik, Alex  
Jokhadze, George  
Biblashvili, Robert  
TITLE OF INVENTION: METHOD OF ASSAYING DIFFERENTIAL  
EXPRESSION  
NUMBER OF SEQUENCES: 1375  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Fish & Richardson, P.C.  
STREET: 2200 Sand Hill Road, Suite 100  
CITY: Menlo Park  
STATE: CA  
COUNTRY: US  
ZIP: 94025  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: Windows95  
SOFTWARE: FastSeq for Windows Version 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/225,928  
FILING DATE: 05-Jan-1999  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/859,998  
FILING DATE: 21-MAY-1997  
ATTORNEY/AGENT INFORMATION:  
NAME: Field, Bret E.  
REGISTRATION NUMBER: 37,620  
REFERENCE/DOCKET NUMBER: 09096/002001  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 415-322-5070  
TELEFAX: 415-854-0875  
INFORMATION FOR SEQ ID NO: 66:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 26 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
MOLECULE TYPE: DNA  
TOPOLOGY: linear  
FEATURE:  
OTHER INFORMATION: oligonucleotide primer  
SEQUENCE DESCRIPTION: SEQ ID NO: 66:  
US-09-225-928-66  
Query Match 2.5%; Score 24.4; DB 1; Length 26;  
Best Local Similarity 96.2%; Pred. No. 77;  
Matches 25; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
Cy 859 AAGTGTGGGATTACAGCGCTGAGC 884  
Db 1 AAGTGTGGGATTACAGCGCTGAGC 26  
RESULT 54  
US-09-225-928-1072  
Sequence 1072, Application US/09225928  
Patent No. 6352829  
GENERAL INFORMATION:  
APPLICANT: Chenchik, Alex  
Jokhadze, George  
Biblashvili, Robert  
TITLE OF INVENTION: METHOD OF ASSAYING DIFFERENTIAL  
EXPRESSION  
NUMBER OF SEQUENCES: 1375  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Fish & Richardson, P.C.  
STREET: 2200 Sand Hill Road, Suite 100  
CITY: Menlo Park  
STATE: CA  
COUNTRY: US  
ZIP: 94025  
COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: Windows95  
SOFTWARE: FastSeq for Windows Version 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/225,928  
FILING DATE: 05-Jan-1999  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/859,998  
FILING DATE: 21-MAY-1997  
ATTORNEY/AGENT INFORMATION:  
NAME: Field, Bret E.  
REGISTRATION NUMBER: 37,620  
REFERENCE/DOCKET NUMBER: 09096/002001  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 415-322-5070  
TELEFAX: 415-854-0875  
INFORMATION FOR SEQ ID NO: 1072:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 26 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
MOLECULE TYPE: DNA  
TOPOLOGY: linear  
FEATURE:  
OTHER INFORMATION: oligonucleotide primer  
SEQUENCE DESCRIPTION: SEQ ID NO: 1072:  
US-09-225-928-1072  
Query Match 2.5%; Score 24.4; DB 1; Length 26;  
Best Local Similarity 96.2%; Pred. No. 77;  
Matches 25; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
Cy 650 TGGAGTCAGTGGGCAATCTTGCT 675  
Db 1 TGGAGTCAGTGGGCAATCTTGCT 26  
RESULT 55  
US-09-225-201B-66  
Sequence 66, Application US/09225201B  
Patent No. 6489455  
GENERAL INFORMATION:  
APPLICANT: Chenchik, Alex  
Jokhadze, George  
Biblashvili, Robert  
TITLE OF INVENTION: METHOD OF ASSAYING DIFFERENTIAL  
EXPRESSION  
NUMBER OF SEQUENCES: 1375  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Fish & Richardson, P.C.  
STREET: 2200 Sand Hill Road, Suite 100  
CITY: Menlo Park  
STATE: CA  
COUNTRY: US  
ZIP: 94025  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: Windows95  
SOFTWARE: FastSeq for Windows Version 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/225,201B  
FILING DATE: 05-Jan-1999  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/08/859,998  
FILING DATE: 21-MAY-1997  
ATTORNEY/AGENT INFORMATION:  
NAME: Field, Bret E.  
REGISTRATION NUMBER: 37,620  
REFERENCE/DOCKET NUMBER: 09096/002001

TELECOMMUNICATION INFORMATION:  
TELEPHONE: 415-322-5070  
TELEFAX: 415-854-0875  
INFORMATION FOR SEQ ID NO: 66:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 26 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
FEATURE:  
OTHER INFORMATION: oligonucleotide primer  
SEQUENCE DESCRIPTION: SEQ ID NO: 66:  
US-09-225-201B-66

Query Match 2.5%; Score 24.4; DB 1; Length 26;  
Best Local Similarity 96.2%; Pred. No. 77;  
Matches 25; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 859 AAGTGTGGGATTACAGCGGTGAGC 884  
Db 1 AAGTGTGAGATTACAGCGGTGAGC 26

RESULT 56  
US-09-225-201B-1072  
Sequence 1072, Application US/09225201B  
Patent No. 6489455  
GENERAL INFORMATION:  
APPLICANT: Chenchik, Alex  
Jokhadze, George  
Biblashvili, Robert  
TITLE OF INVENTION: METHOD OF ASSAYING DIFFERENTIAL  
EXPRESSION  
NUMBER OF SEQUENCES: 1375  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Fish & Richardson, P.C.  
STREET: 2200 Sand Hill Road, Suite 100  
CITY: Menlo Park  
STATE: CA  
COUNTRY: US  
ZIP: 94025  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
OPERATING SYSTEM: Windows95  
SOFTWARE: FastSeq for Windows Version 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/225,201B  
FILING DATE: 05-Jan-1999  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/08/859,998  
FILING DATE: 21-MAY-1997  
ATTORNEY/AGENT INFORMATION:  
NAME: Field, Bret E.  
REGISTRATION NUMBER: 37,620  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 415-322-5070  
TELEFAX: 415-854-0875  
INFORMATION FOR SEQ ID NO: 1072:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 26 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
FEATURE:  
OTHER INFORMATION: oligonucleotide primer  
SEQUENCE DESCRIPTION: SEQ ID NO: 1072:  
US-09-225-201B-1072

Query Match 2.5%; Score 24.4; DB 1; Length 26;  
Best Local Similarity 96.2%; Pred. No. 77;  
Matches 25; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 650 TGGAGTGCAGTGGCGCAATCTTGCT 675  
Db 1 TGGAGTGCAGTGGCGCAATCTTGCT 26

RESULT 57  
US-09-304-232-194  
Sequence 194, Application US/09304232  
Patent No. 6525185  
GENERAL INFORMATION:  
APPLICANT: Fan, Jian Bing  
APPLICANT: Chakravarti, Aravinda  
APPLICANT: Halushka, Marc Kenneth  
APPLICANT: Case Western Reserve University School of Medicine  
APPLICANT: Affymetrix, Inc.  
TITLE OF INVENTION: Polymorphisms Associated with  
FILE REFERENCE: 018547-034210US  
CURRENT APPLICATION NUMBER: US/09/304,232  
EARLIER FILING DATE: 1999-05-03  
EARLIER APPLICATION NUMBER: US 60/084,641  
NUMBER OF SEQ ID NOS: 909  
SOFTWARE: FastSeq for Windows Version 3.0  
SEQ ID NO 194  
LENGTH: 29  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: APOC4 1246  
US-09-304-232-194

Query Match 2.5%; Score 24.4; DB 1; Length 29;  
Best Local Similarity 89.3%; Pred. No. 90;  
Matches 25; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

Qy 1112 AGGCTGTCTCAAACTCTGACCTCAGG 1139  
Db 1 AGGCTGTCTTGAAATCTGACCTCAGG 28

RESULT 58  
US-09-304-232-200/C  
Sequence 200, Application US/09304232  
Patent No. 6525185  
GENERAL INFORMATION:  
APPLICANT: Fan, Jian Bing  
APPLICANT: Chakravarti, Aravinda  
APPLICANT: Halushka, Marc Kenneth  
APPLICANT: Case Western Reserve University School of Medicine  
APPLICANT: Affymetrix, Inc.  
TITLE OF INVENTION: Polymorphisms Associated with  
FILE REFERENCE: 018547-034210US  
CURRENT APPLICATION NUMBER: US/09/304,232  
EARLIER FILING DATE: 1999-05-03  
EARLIER APPLICATION NUMBER: US 60/084,641  
EARLIER FILING DATE: 1998-05-07  
NUMBER OF SEQ ID NOS: 909  
SOFTWARE: FastSeq for Windows Version 3.0  
SEQ ID NO 200  
LENGTH: 29  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: APOC4 1587  
US-09-304-232-200

Query Match 2.5%; Score 24.4; DB 1; Length 29;

Best Local Similarity 89.3%; Pred. No. 90;  
Matches 25; Conservative 1; Mismatches 2; Indels 0; Gaps 0;  
QY 1000 TCAAGCATTCCTCTGCTCAGCCTCCC 1027  
DB 29 TCAAGTATTCCTCCGCTCAGCCTCCC 2

RESULT 59  
US-09-304-232-514  
; Sequence 514, Application US/09304232  
; Patent No. 6525185  
; GENERAL INFORMATION:  
; APPLICANT: Fan, Jian Bing  
; APPLICANT: Chakravarti, Aravinda  
; APPLICANT: Halushka, Marc Kenneth  
; APPLICANT: Case Western Reserve University School of Medicine  
; APPLICANT: Affymetrix, Inc.  
; TITLE OF INVENTION: Polymorphisms Associated With  
; FILE REFERENCE: 018547-034210US  
; CURRENT APPLICATION NUMBER: US/09/304,232  
; EARLIER FILING DATE: 1999-05-03  
; EARLIER APPLICATION NUMBER: US 60/084,641  
; NUMBER OF SEQ ID NOS: 909  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 514  
; LENGTH: 29  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: GLUT4EX11 963  
US-09-304-232-514

Query Match 2.5%; Score 24.4; DB 1; Length 29;  
Best Local Similarity 89.3%; Pred. No. 90;  
Matches 25; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 821 GATCTCGACCTGTGATCGCCGCC 848  
DB 2 GATCTCGACCTGTGATCGCCGCC 29

RESULT 60  
US-09-304-232-569  
; Sequence 569, Application US/09304232  
; Patent No. 6525185  
; GENERAL INFORMATION:  
; APPLICANT: Fan, Jian Bing  
; APPLICANT: Chakravarti, Aravinda  
; APPLICANT: Halushka, Marc Kenneth  
; APPLICANT: Case Western Reserve University School of Medicine  
; APPLICANT: Affymetrix, Inc.  
; TITLE OF INVENTION: Polymorphisms Associated With  
; FILE REFERENCE: 018547-034210US  
; CURRENT APPLICATION NUMBER: US/09/304,232  
; EARLIER FILING DATE: 1999-05-03  
; EARLIER APPLICATION NUMBER: US 60/084,641  
; NUMBER OF SEQ ID NOS: 909  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 569  
; LENGTH: 29  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: HSTSCENE 3710  
US-09-304-232-569

Query Match 2.5%; Score 24.4; DB 1; Length 29;  
Best Local Similarity 89.3%; Pred. No. 90;

Matches 25; Conservative 1; Mismatches 2; Indels 0; Gaps 0;  
QY 1032 AGCTGGATTACGGGACCTGCGACAC 1059  
DB 2 AGCTGGATTACGGGACCTGCGACAC 29

RESULT 61  
US-09-304-232-589/C  
; Sequence 589, Application US/09304232  
; Patent No. 6525185  
; GENERAL INFORMATION:  
; APPLICANT: Fan, Jian Bing  
; APPLICANT: Chakravarti, Aravinda  
; APPLICANT: Halushka, Marc Kenneth  
; APPLICANT: Case Western Reserve University School of Medicine  
; APPLICANT: Affymetrix, Inc.  
; TITLE OF INVENTION: Polymorphisms Associated With  
; FILE REFERENCE: 018547-034210US  
; CURRENT APPLICATION NUMBER: US/09/304,232  
; EARLIER FILING DATE: 1999-05-03  
; EARLIER APPLICATION NUMBER: US 60/084,641  
; NUMBER OF SEQ ID NOS: 909  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 589  
; LENGTH: 29  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: IAPPEX3 848  
US-09-304-232-589

Query Match 2.5%; Score 24.4; DB 1; Length 29;  
Best Local Similarity 89.3%; Pred. No. 90;  
Matches 25; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 927 GAATTCACCTCTGTACCGAGCTGAG 954  
DB 28 GAATTCACCTCTGTACCGAGCTGAG 1

RESULT 62  
US-09-304-232-707  
; Sequence 707, Application US/09304232  
; Patent No. 6525185  
; GENERAL INFORMATION:  
; APPLICANT: Fan, Jian Bing  
; APPLICANT: Chakravarti, Aravinda  
; APPLICANT: Halushka, Marc Kenneth  
; APPLICANT: Case Western Reserve University School of Medicine  
; APPLICANT: Affymetrix, Inc.  
; TITLE OF INVENTION: Polymorphisms Associated With  
; FILE REFERENCE: 018547-034210US  
; CURRENT APPLICATION NUMBER: US/09/304,232  
; EARLIER FILING DATE: 1999-05-03  
; EARLIER APPLICATION NUMBER: US 60/084,641  
; NUMBER OF SEQ ID NOS: 909  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 707  
; LENGTH: 29  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: PGISX10 3217  
US-09-304-232-707

Query Match 2.5%; Score 24.4; DB 1; Length 29;  
Best Local Similarity 89.3%; Pred. No. 90;  
Matches 25; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 867 GGGATTACAGCGCTGAGCCACCGCC 894  
|||||  
Db 1 GGGATTACAGCGCTGAGCCACCGCC 28

RESULT 63  
US-09-304-232-78/c  
; Sequence 78, Application US/09304232  
; Patent No. 6525185  
; GENERAL INFORMATION:  
; APPLICANT: Pan, Jian Bing  
; APPLICANT: Chakravarti, Aravinda  
; APPLICANT: Halushka, Marc Kenneth  
; APPLICANT: Case Western Reserve University School of Medicine  
; APPLICANT: Affymetrix, Inc.  
; TITLE OF INVENTION: Polymorphisms Associated With  
; FILE REFERENCE: 018547-034210US  
; CURRENT APPLICATION NUMBER: US/09/304,232  
; CURRENT FILING DATE: 1999-05-03  
; EARLIER APPLICATION NUMBER: US 60/084,641  
; EARLIER FILING DATE: 1998-05-07  
; NUMBER OF SEQ ID NOS: 909  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 78  
; LENGTH: 29  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: AELX20 1628  
US-09-304-232-78

Query Match 2.4%; Score 23.8; DB 1; Length 29;  
Best Local Similarity 86.2%; Pred. No. 1e+02; 3; Indels 0; Gaps 0;  
Matches 25; Conservative 1; Mismatches 3; Indels 0; Gaps 0;  
QY 670 TTGGCTCACTGCAACCTCTGCTCCGCG 698  
|||||  
Db 29 TTGGCTCACTGCAACCTCTGCTCCGCG 1

RESULT 64  
US-09-304-232-156  
; Sequence 156, Application US/09304232  
; Patent No. 6525185  
; GENERAL INFORMATION:  
; APPLICANT: Pan, Jian Bing  
; APPLICANT: Chakravarti, Aravinda  
; APPLICANT: Halushka, Marc Kenneth  
; APPLICANT: Case Western Reserve University School of Medicine  
; APPLICANT: Affymetrix, Inc.  
; TITLE OF INVENTION: Polymorphisms Associated With  
; FILE REFERENCE: 018547-034210US  
; CURRENT APPLICATION NUMBER: US/09/304,232  
; CURRENT FILING DATE: 1999-05-03  
; EARLIER APPLICATION NUMBER: US 60/084,641  
; EARLIER FILING DATE: 1998-05-07  
; NUMBER OF SEQ ID NOS: 909  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 156  
; LENGTH: 29  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: APOC1EX1 1020  
US-09-304-232-156

Query Match 2.4%; Score 23.8; DB 1; Length 29;  
Best Local Similarity 86.2%; Pred. No. 1e+02; 3; Indels 0; Gaps 0;  
Matches 25; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 1073 TTGATTTTCATTAGAGCGCGGTTTCAC 1101  
|||||  
Db 1 TTGATTTTCATTAGAGCGGTTTCAC 29

RESULT 65  
US-09-304-232-507  
; Sequence 507, Application US/09304232  
; Patent No. 6525185  
; GENERAL INFORMATION:  
; APPLICANT: Pan, Jian Bing  
; APPLICANT: Chakravarti, Aravinda  
; APPLICANT: Halushka, Marc Kenneth  
; APPLICANT: Case Western Reserve University School of Medicine  
; APPLICANT: Affymetrix, Inc.  
; TITLE OF INVENTION: Polymorphisms Associated With  
; FILE REFERENCE: 018547-034210US  
; CURRENT APPLICATION NUMBER: US/09/304,232  
; CURRENT FILING DATE: 1999-05-03  
; EARLIER APPLICATION NUMBER: US 60/084,641  
; EARLIER FILING DATE: 1998-05-07  
; NUMBER OF SEQ ID NOS: 909  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 507  
; LENGTH: 29  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: GLUT4EX11 872  
US-09-304-232-507

Query Match 2.4%; Score 23.8; DB 1; Length 29;  
Best Local Similarity 86.2%; Pred. No. 1e+02; 3; Indels 0; Gaps 0;  
Matches 25; Conservative 1; Mismatches 3; Indels 0; Gaps 0;  
QY 1034 CTGGGATTACGGGCACTGCGCACACACC 1062  
|||||  
Db 1 CTGGGATTACGGGCACTGCGCACACACC 29

RESULT 66  
US-09-304-232-686/c  
; Sequence 686, Application US/09304232  
; Patent No. 6525185  
; GENERAL INFORMATION:  
; APPLICANT: Pan, Jian Bing  
; APPLICANT: Chakravarti, Aravinda  
; APPLICANT: Halushka, Marc Kenneth  
; APPLICANT: Case Western Reserve University School of Medicine  
; APPLICANT: Affymetrix, Inc.  
; TITLE OF INVENTION: Polymorphisms Associated With  
; FILE REFERENCE: 018547-034210US  
; CURRENT APPLICATION NUMBER: US/09/304,232  
; CURRENT FILING DATE: 1999-05-03  
; EARLIER APPLICATION NUMBER: US 60/084,641  
; EARLIER FILING DATE: 1998-05-07  
; NUMBER OF SEQ ID NOS: 909  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 686  
; LENGTH: 29  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: PGISX10 1505  
US-09-304-232-686

Query Match 2.4%; Score 23.8; DB 1; Length 29;  
Best Local Similarity 86.2%; Pred. No. 1e+02; 3; Indels 0; Gaps 0;  
Matches 25; Conservative 1; Mismatches 3; Indels 0; Gaps 0;  
QY 177 TTAGTAGAGATGAGTTTCTCCATGTGG 205

Db 29 TTAGTAGAGACGGGRTTTCGCCCATGTTGG 1

RESULT 67  
US-09-304-232-702  
; Sequence 702, Application US/09304232  
; Patent No. 6525185  
; GENERAL INFORMATION:  
; APPLICANT: Fan, Jian Bing  
; APPLICANT: Chakravarti, Aravinda  
; APPLICANT: Halushka, Marc Kenneth  
; APPLICANT: Case Western Reserve University School of Medicine  
; APPLICANT: Affymetrix, Inc.  
; TITLE OF INVENTION: Polymorphisms Associated With  
; FILE REFERENCE: 018547-034210US  
; CURRENT APPLICATION NUMBER: US/09/304,232  
; CURRENT FILING DATE: 1999-05-03  
; EARLIER APPLICATION NUMBER: US 60/084,641  
; EARLIER FILING DATE: 1998-05-07  
; NUMBER OF SEQ ID NOS: 909  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 702  
; LENGTH: 29  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: PGISX10 3082  
US-09-304-232-702

Query Match 2.4%; Score 23.8; DB 1; Length 29;  
Best Local Similarity 86.2%; Pred. No. 1e+02;  
Matches 25; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

Cy 1034 CTGGGATTACGGGCACTGCCACACAC 1062  
Db 1 CTGGGACTACAGGCRCCGCCACACAC 29

RESULT 68  
US-09-304-232-860  
; Sequence 860, Application US/09304232  
; Patent No. 6525185  
; GENERAL INFORMATION:  
; APPLICANT: Fan, Jian Bing  
; APPLICANT: Chakravarti, Aravinda  
; APPLICANT: Halushka, Marc Kenneth  
; APPLICANT: Case Western Reserve University School of Medicine  
; APPLICANT: Affymetrix, Inc.  
; TITLE OF INVENTION: Polymorphisms Associated With  
; FILE REFERENCE: 018547-034210US  
; CURRENT APPLICATION NUMBER: US/09/304,232  
; CURRENT FILING DATE: 1999-05-03  
; EARLIER APPLICATION NUMBER: US 60/084,641  
; EARLIER FILING DATE: 1998-05-07  
; NUMBER OF SEQ ID NOS: 909  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 860  
; LENGTH: 29  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: TBX2REX3 701  
US-09-304-232-860

Query Match 2.4%; Score 23.8; DB 1; Length 29;  
Best Local Similarity 86.2%; Pred. No. 1e+02;  
Matches 25; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

Cy 876 GCGGTAGCCACACGCGCGCTATTTT 904  
Db 1 GCGGTAGCCACACGCGCGCTATTTT 904

Db 1 GCGCGCGCACCAACGCGGCTATTTT 29

RESULT 69  
US-09-304-232-861  
; Sequence 861, Application US/09304232  
; Patent No. 6525185  
; GENERAL INFORMATION:  
; APPLICANT: Fan, Jian Bing  
; APPLICANT: Chakravarti, Aravinda  
; APPLICANT: Halushka, Marc Kenneth  
; APPLICANT: Case Western Reserve University School of Medicine  
; APPLICANT: Affymetrix, Inc.  
; TITLE OF INVENTION: Polymorphisms Associated With  
; FILE REFERENCE: 018547-034210US  
; CURRENT APPLICATION NUMBER: US/09/304,232  
; CURRENT FILING DATE: 1999-05-03  
; EARLIER APPLICATION NUMBER: US 60/084,641  
; EARLIER FILING DATE: 1998-05-07  
; NUMBER OF SEQ ID NOS: 909  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 861  
; LENGTH: 29  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: TBX2REX3 904  
US-09-304-232-861

Query Match 2.4%; Score 23.8; DB 1; Length 29;  
Best Local Similarity 86.2%; Pred. No. 1e+02;  
Matches 25; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

Cy 650 TGGAGTCAGTGGGCAATCTTGCTCAG 678  
Db 1 TGGAGTCAGTGGGCAATCTTGCTCAG 29

RESULT 70  
US-09-304-232-862  
; Sequence 862, Application US/09304232  
; Patent No. 6525185  
; GENERAL INFORMATION:  
; APPLICANT: Fan, Jian Bing  
; APPLICANT: Chakravarti, Aravinda  
; APPLICANT: Halushka, Marc Kenneth  
; APPLICANT: Case Western Reserve University School of Medicine  
; APPLICANT: Affymetrix, Inc.  
; TITLE OF INVENTION: Polymorphisms Associated With  
; FILE REFERENCE: 018547-034210US  
; CURRENT APPLICATION NUMBER: US/09/304,232  
; CURRENT FILING DATE: 1999-05-03  
; EARLIER APPLICATION NUMBER: US 60/084,641  
; EARLIER FILING DATE: 1998-05-07  
; NUMBER OF SEQ ID NOS: 909  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 862  
; LENGTH: 29  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: TBX2REX3 906  
US-09-304-232-862

Query Match 2.4%; Score 23.8; DB 1; Length 29;  
Best Local Similarity 86.2%; Pred. No. 1e+02;  
Matches 25; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

Cy 652 GAGTCAGTGGGCAATCTTGCTCAGT 680  
Db 1 GAGTCAGTGGGCAATCTTGCTCAGT 29



RESULT 71  
US-09-108-006C-25/C  
; Sequence 25, Application US/09108006C  
; Patent No. 6524613  
; GENERAL INFORMATION:  
; APPLICANT: Steer, Clifford J.  
; Kren, Betsy T.  
; Bandyopadhyay, Paramita  
; Roy-Chowdhury, Jayanta  
; TITLE OF INVENTION: Hepatocellular Chimeraplasty  
; NUMBER OF SEQUENCES: 62  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Kimeragen, Inc.  
; STREET: 300 Pheasant Run  
; CITY: Newtown  
; STATE: PA  
; COUNTRY: USA  
; ZIP: 18940  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Diskette  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: DOS  
; SOFTWARE: FastSeq for Windows Version 2.0  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/108,006C  
; FILING DATE: 30-Jun-1992  
; CLASSIFICATION: <Unknown>  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 60/054,288  
; FILING DATE: 30-APR-1997  
; APPLICATION NUMBER: 60/054,837  
; FILING DATE: 05-AUG-1997  
; APPLICATION NUMBER: 60/064,996  
; FILING DATE: 10-NOV-1997  
; APPLICATION NUMBER: 60/074,497  
; FILING DATE: 12-FEB-1998  
; APPLICATION NUMBER: PCT US 98/08834  
; FILING DATE: 30-APR-1998  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Friebe, Thomas  
; REGISTRATION NUMBER: 29258  
; REFERENCE/DOCKET NUMBER: 7991-015-999  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 215-504-4444  
; TELEFAX: 215-504-4545  
; TELEX: <Unknown>  
; INFORMATION FOR SEQ ID NO: 25:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 25 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: other  
; SEQUENCE DESCRIPTION: SEQ ID NO: 25:  
US-09-108-006C-25  
  
Query Match 2.4%; Score 23.4; DB 1; Length 25;  
Best Local Similarity 96.0%; Pred. No. 90;  
Matches 24; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
  
QY 1113 GGCTGGTCAACTCCTGACCTCA 1137  
DB 25 GGCTGGTCAACTCCTGACCTTA 1

RESULT 72  
US-09-632-657-25  
; Sequence 25, Application US/09632657  
; Patent No. 6730476  
; GENERAL INFORMATION:  
; APPLICANT: DUFF, GORDON  
  
; APPLICANT: KORNMAN, KENNETH  
; APPLICANT: VAN DIJK, SIMON  
; TITLE OF INVENTION: DIAGNOSTICS AND THERAPEUTICS FOR EARLY-ONSET MENOPAUSE  
; FILE REFERENCE: MSA-012.01  
; CURRENT APPLICATION NUMBER: US/09/632,657  
; CURRENT FILING DATE: 2000-08-04  
; NUMBER OF SEQ ID NOS: 30  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 25  
; LENGTH: 25  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
US-09-632-657-25  
  
Query Match 2.4%; Score 23.4; DB 1; Length 25;  
Best Local Similarity 96.0%; Pred. No. 90;  
Matches 24; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
  
QY 867 GGGATTACAGGGGTGAGCACCACG 891  
DB 1 GGGATTACAGGGGTGAGCACCACG 25  
  
RESULT 73  
US-09-687-637B-18/C  
; Sequence 18, Application US/09687637B  
; Patent No. 6610285  
; GENERAL INFORMATION:  
; APPLICANT: Hirata, Yuichi  
; TITLE OF INVENTION: CYTOKINE-LIKE PROTEINS THAT PROMOTE CELL PROLIFERATION  
; FILE REFERENCE: 06501-067001  
; CURRENT APPLICATION NUMBER: US/09/687,637B  
; CURRENT FILING DATE: 2000-10-13  
; PRIOR APPLICATION NUMBER: PCT/JP99/01997  
; PRIOR FILING DATE: 1999-04-14  
; PRIOR APPLICATION NUMBER: JP 10/121805  
; PRIOR FILING DATE: 1998-04-14  
; NUMBER OF SEQ ID NOS: 46  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 18  
; LENGTH: 27  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Artificially synthesized primer sequence  
US-09-687-637B-18  
  
Query Match 2.4%; Score 23.4; DB 1; Length 27;  
Best Local Similarity 96.0%; Pred. No. 1e+02;  
Matches 24; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
  
QY 537 CCTGCTCAGCCTCCCAAGTACTG 561  
DB 27 CCTGCTCAGCCTCCCAAGTACTG 3

RESULT 74  
US-09-304-232-210/C  
; Sequence 210, Application US/09304232  
; Patent No. 6525185  
; GENERAL INFORMATION:  
; APPLICANT: Fan, Jian Bing  
; APPLICANT: Chakravarti, Aravinda  
; APPLICANT: Halushka, Marc Kenneth  
; APPLICANT: Case Western Reserve University School of Medicine  
; APPLICANT: Affymetrix, Inc.  
; TITLE OF INVENTION: Polymorphisms Associated With  
; FILE REFERENCE: 018547-034210US  
; CURRENT APPLICATION NUMBER: US/09/304,232

CURRENT FILING DATE: 1999-05-03  
EARLIER APPLICATION NUMBER: US 60/084,641  
EARLIER FILING DATE: 1998-05-07  
NUMBER OF SEQ ID NOS: 909  
SOFTWARE: FastSeq for Windows Version 3.0  
SEQ ID NO 210  
LENGTH: 29  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: APOC4 2366  
US-09-304-232-210

Query Match 2.4%; Score 23.4; DB 1; Length 29;  
Best Local Similarity 88.9%; Pred. No. 1.1e+02;  
Matches 24; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 721 GCCTCTGAGTACTGGGACTACAGGC 747  
DB 29 GCCTCCCGAGTAGCGGAGATTACAGGC 3

RESULT 75  
US-09-387-300-27  
Sequence 27, Application US/09387300  
Patent No. 6358685  
GENERAL INFORMATION:  
APPLICANT: Wetmur, James G  
APPLICANT: Quattrin, Robin S  
TITLE OF INVENTION: Branch Migration of Nucleotides  
FILE REFERENCE: ENZ-49(P)(C) SEQUENCES  
CURRENT APPLICATION NUMBER: US/09/387,300  
CURRENT FILING DATE: 1999-08-31  
EARLIER APPLICATION NUMBER: 08/480,000  
EARLIER FILING DATE: 1995-06-07  
NUMBER OF SEQ ID NOS: 39  
SOFTWARE: PatentIn Ver. 2.0  
SEQ ID NO 27  
LENGTH: 26  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: PALA-D-G3  
US-09-387-300-27

Query Match 2.3%; Score 22.8; DB 1; Length 26;  
Best Local Similarity 92.3%; Pred. No. 1.1e+02;  
Matches 24; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 968 TCTGGCTCACTGCAACTCTGGCCGC 993  
DB 1 TCTGGCTCACTGCAACTCTGGCCGC 26

RESULT 76  
US-08-635-820A-1  
Sequence 1, Application US/08635820A  
Patent No. 5817462  
GENERAL INFORMATION:  
APPLICANT: YUVAL GARINI ET AL.  
TITLE OF INVENTION: METHOD FOR SIMULTANEOUS DETECTION OF MULTIPLE FLUOROPHORES FOR  
NUMBER OF SEQUENCES: 3  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Mark W. Friedman c/o Robert Sheinbein  
STREET: 2940 Birchtree Lane  
CITY: Silver Spring  
STATE: Maryland  
COUNTRY: United States of America  
ZIP: 20906  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 1.44 megabyte, 3.5" microdisk

COMPUTER: Twinhead\* Slimnote-890TX  
OPERATING SYSTEM: MS DOS version 6.2,  
OPERATING SYSTEM: Windows version 3.11  
SOFTWARE: Word for Windows version 2.0  
SOFTWARE: converted to ASCII  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/635,820A  
FILING DATE: 22-Apr-1996  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/107,673  
FILING DATE: 18-Aug-93  
APPLICATION NUMBER: 08/392,019  
FILING DATE: 21-Feb-95  
APPLICATION NUMBER: 08/571,047  
FILING DATE: 12-Dec-95  
APPLICATION NUMBER: 08/575,191  
FILING DATE: 20-Dec-95  
ATTORNEY/AGENT INFORMATION:  
NAME: Friedman, Mark M.  
REGISTRATION NUMBER: 33,883  
REFERENCE/DOCKET NUMBER: 205/15  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 972-3-5625553  
TELEFAX: 972-3-5625554  
TELEX:  
INFORMATION FOR SEQ ID NO: 1:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 22  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-635-820A-1

Query Match 2.2%; Score 22; DB 1; Length 22;  
Best Local Similarity 100.0%; Pred. No. 1e+02;  
Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 385 TCCCAAGTGTGGGATTACAG 406  
DB 1 TCCCAAGTGTGGGATTACAG 22

RESULT 77  
US-08-291-074-2  
Sequence 2, Application US/08291074  
Patent No. 5959171  
GENERAL INFORMATION:  
APPLICANT: Hyttinen, Juhani-Matti  
APPLICANT: Korhonen, Veli-Pekka  
TITLE OF INVENTION: METHOD FOR THE PRODUCTION OF  
TITLE OF INVENTION: BIOLOGICALLY ACTIVE POLYPEPTIDES IN A MAMMAL'S MILK AS  
TITLE OF INVENTION: FUSION PROTEINS THAT ARE LESS ACTIVE THAN THE FREE  
TITLE OF INVENTION: POLYPEPTIDES, OR NON-ACTIVE  
NUMBER OF SEQUENCES: 6  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Adduct, Maestriani, Schauberg & Schill  
STREET: 1140 Connecticut Avenue, N.W.  
CITY: Washington  
STATE: DC  
COUNTRY: U.S.A.  
ZIP: 20036  
COMPUTER READABLE FORM:  
MEDIUM TYPE: floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/291,074  
FILING DATE: 17-AUG-1994  
CLASSIFICATION: 800  
ATTORNEY/AGENT INFORMATION:

NAME: Kubovcik, Ronald J.  
REGISTRATION NUMBER: 25,401  
REFERENCE/DOCKET NUMBER: TUR-017  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 202-467-6300  
TELEFAX: 202-466-2006  
INFORMATION FOR SEQ ID NO: 2:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 22 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-291-074-2

Query Match 2.2%; Score 22; DB 1; Length 22;  
Best Local Similarity 100.0%; Pred. No. 1e+02;  
Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 480 GTGCAGTGTGTGATCAGCT 501  
DB 1 GTGCAGTGTGTGATCAGCT 22

RESULT 78  
US-09-100-104-1  
Sequence 1, Application US/09100104  
Patent No. 6066459  
GENERAL INFORMATION:  
APPLICANT: YUVAL GARINI ET AL.  
TITLE OF INVENTION: METHOD FOR SIMULTANEOUS DETECTION OF MULTIPLE  
TITLE OF INVENTION: FLUOROPHORES FOR IN SITU HYBRIDIZATION AND  
TITLE OF INVENTION: MULTICOLOR CHROMOSOME PAINTING AND BANDING  
NUMBER OF SEQUENCES: 3  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Mark M. Friedman c/o Anthony Castorina  
STREET: 2001 Jefferson Davis Highway, Suite 207  
CITY: Arlington  
STATE: Virginia  
COUNTRY: United States of America  
ZIP: 22202  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 1.44 megabyte, 3.5" microdisk  
COMPUTER: Twinhead Slimote-890TX  
OPERATING SYSTEM: MS DOS version 6.2,  
OPERATING SYSTEM: Windows version 3.11  
SOFTWARE: Word for Windows version 2.0  
SOFTWARE: converted to ASCII  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/100,104  
CLASSIFICATION:  
FILING DATE:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/107,673  
FILING DATE: 18-Aug-93  
APPLICATION NUMBER: 08/392,019  
FILING DATE: 21-Feb-95  
APPLICATION NUMBER: 08/571,047  
FILING DATE: 12-Dec-95  
APPLICATION NUMBER: 08/575,191  
FILING DATE: 20-Dec-95  
APPLICATION NUMBER: 08/635,820  
FILING DATE: 22-Apr-1996  
ATTORNEY/AGENT INFORMATION:  
NAME: Friedmam, Mark M.  
REGISTRATION NUMBER: 33,883  
REFERENCE/DOCKET NUMBER: 205/15  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 972-3-5625553  
TELEFAX: 972-3-5625554  
TELEX:  
INFORMATION FOR SEQ ID NO: 1:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 22

TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-09-100-104-1

Query Match 2.2%; Score 22; DB 1; Length 22;  
Best Local Similarity 100.0%; Pred. No. 1e+02;  
Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 385 TCCCAAGTGTGATTCAG 406  
DB 1 TCCCAAGTGTGATTCAG 22

RESULT 79  
US-09-578-656A-5/c  
Sequence 5, Application US/09578656A  
Patent No. 6245963  
GENERAL INFORMATION:  
APPLICANT: Li, Hung  
APPLICANT: Hsieh-Li, Hsiu-Mei  
APPLICANT: Chang, Jan-Gowth  
APPLICANT: Jong, Yuh-Yuh  
APPLICANT: Wu, Wei-Hsiang  
APPLICANT: Tsai, Chang-Hai  
TITLE OF INVENTION: A Knockout-Transgenic Mouse Model of Spinal Muscular Atrophy  
FILE REFERENCE: 4910-3  
CURRENT APPLICATION NUMBER: US/09/578,656A  
PRIOR APPLICATION NUMBER: US 60/136,520  
PRIOR FILING DATE: 1999-05-28  
NUMBER OF SEQ ID NOS: 15  
SEQ ID NO 5  
LENGTH: 24  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Primer for PCR  
US-09-578-656A-5

Query Match 2.2%; Score 22; DB 1; Length 24;  
Best Local Similarity 100.0%; Pred. No. 1.1e+02;  
Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 202 TTGTCAGGCTGTCTCGACT 223  
DB 23 TTGTCAGGCTGTCTCGACT 2

RESULT 80  
US-08-849-701-11/c  
Sequence 11, Application US/08849701  
Patent No. 5922544  
GENERAL INFORMATION:  
APPLICANT: Miyai, Kiyoshi  
APPLICANT: Naitoh, Tsutomu  
APPLICANT: Yonekawa, Toshihiro  
TITLE OF INVENTION: Method of Cell Detection  
NUMBER OF SEQUENCES: 12  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Knobb, Martens, Olson & Bear  
STREET: 620 Newport Center Drive 16th Floor  
CITY: Newport Beach  
STATE: CA  
COUNTRY: U.S.A.  
ZIP: 92660  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FastSeq Version 1.5  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/849,701

FILING DATE: 435  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: PCT/JP95/02734  
FILING DATE: 27-DEC-1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Altman, Daniel E  
REGISTRATION NUMBER: 34,115  
REFERENCE/DOCKET NUMBER: EIKEN1.001APC  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 714-760-0404  
TELEFAX: 714-760-9502  
TELEX:  
INFORMATION FOR SEQ ID NO: 11:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 23 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-849-701-11

Query Match 2.2%; Score 21.4; DB 1; Length 23;  
Best Local Similarity 95.7%; Pred. No. 1.2e+02;  
Matches 22; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 382 GCCTCCCAAGTGTGGATTAC 404  
DB 23 GCCTCCCAAGTGTGGATTAC 1

RESULT 81  
US-08-781-891-30/c  
Sequence 30, Application US/08781891  
Patent No. 6090620  
GENERAL INFORMATION:  
APPLICANT: Fu, Ying-Hui  
APPLICANT: Yu, Chang-En  
APPLICANT: Oshima, Junko  
APPLICANT: Mulligan, John T.  
TITLE OF INVENTION: GENE AND GENE PRODUCTS RELATED TO  
NUMBER OF SEQUENCES: 209  
CORRESPONDENCE ADDRESS:  
ADDRESSER: SEED AND BERRY LLP  
STREET: 6300 Columbia Center, 701 Fifth Avenue  
CITY: Seattle  
STATE: Washington  
COUNTRY: USA  
ZIP: 98104-7092  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/781,891  
FILING DATE: 27-DEC-1996  
CLASSIFICATION: 800  
ATTORNEY/AGENT INFORMATION:  
NAME: No. 6090620tenburg Ph.D., Carol  
REGISTRATION NUMBER: 39,317  
REFERENCE/DOCKET NUMBER: 240052.419  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (206) 622-4900  
TELEFAX: (206) 682-6031  
INFORMATION FOR SEQ ID NO: 30:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 23 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-781-891-30

Query Match 2.2%; Score 21.4; DB 1; Length 23;  
Best Local Similarity 95.7%; Pred. No. 1.2e+02;  
Matches 22; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 383 CCTCCCAAGTGTGGATTACA 405  
DB 23 CCTCCCAAGTGTGGATTACA 1

RESULT 82  
US-09-618-166-30/c  
Sequence 30, Application US/09618166  
Patent No. 6583112  
GENERAL INFORMATION:  
APPLICANT: Fu, Ying-Hui  
APPLICANT: Yu, Chang-En  
APPLICANT: Oshima, Junko  
APPLICANT: Mulligan, John T.  
TITLE OF INVENTION: GENE AND GENE PRODUCTS RELATED TO  
NUMBER OF SEQUENCES: 209  
CORRESPONDENCE ADDRESS:  
ADDRESSER: Seed Intellectual Property Law Group  
STREET: 701 Fifth Avenue, Suite 6300  
CITY: Seattle  
STATE: Washington  
COUNTRY: USA  
ZIP: 98104-7092  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/618,166  
FILING DATE: 17-Jul-2000  
CLASSIFICATION: <Unknown>  
ATTORNEY/AGENT INFORMATION:  
NAME: McMaisters, David D.  
REGISTRATION NUMBER: 33,963  
REFERENCE/DOCKET NUMBER: 240052.419C1  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (206) 622-4900  
TELEFAX: (206) 682-6031  
INFORMATION FOR SEQ ID NO: 30:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 23 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
SEQUENCE DESCRIPTION: SEQ ID NO: 30:  
US-09-618-166-30

Query Match 2.2%; Score 21.4; DB 1; Length 23;  
Best Local Similarity 95.7%; Pred. No. 1.2e+02;  
Matches 22; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 383 CCTCCCAAGTGTGGATTACA 405  
DB 23 CCTCCCAAGTGTGGATTACA 1

RESULT 83  
US-08-859-998-1216  
Sequence 1216, Application US/08859998  
Patent No. 5994076  
GENERAL INFORMATION:  
APPLICANT: Chenchik, Alex  
APPLICANT: Johndez, George  
APPLICANT: Bibilashvili, Robert  
TITLE OF INVENTION: METHOD OF ASSAYING DIFFERENTIAL

TITLE OF INVENTION: EXPRESSION  
NUMBER OF SEQUENCES: 1375  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Fish & Richardson, P.C.  
STREET: 2200 Sand Hill Road, Suite 100  
CITY: Menlo Park  
STATE: CA  
COUNTRY: US  
ZIP: 94025  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: Windows95  
SOFTWARE: FastSeq for Windows Version 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/859,998  
FILING DATE: 21-MAY-1997  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER:  
ATTORNEY/AGENT INFORMATION:  
NAME: Field, Bret E.  
REGISTRATION NUMBER: 37,620  
REFERENCE/DOCKET NUMBER: 09096/002001  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 415-322-5070  
TELEFAX: 415-854-0875  
INFORMATION FOR SEQ ID NO: 1216:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 26 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
FEATURE:  
OTHER INFORMATION: oligonucleotide primer  
US-08-859-998-1216

Query Match 2.1%; Score 21.2; DB 1; Length 26;  
Best Local Similarity 88.5%; Pred. No. 1.5e+02;  
Matches 23; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 867 GGGATTACAGGCGTGAGCCACGCGC 892  
DB 1 GGGATTACAGGCGTGAGTAACGACGC 26

RESULT 84  
US-09-225-928-1216  
Sequence 1216, Application US/09225928  
Patent No. 6352829  
GENERAL INFORMATION:  
APPLICANT: Chenchik, Alex  
Jokhadze, George  
Bibilaashvili, Robert  
TITLE OF INVENTION: METHOD OF ASSAYING DIFFERENTIAL  
EXPRESSION  
NUMBER OF SEQUENCES: 1375  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Fish & Richardson, P.C.  
STREET: 2200 Sand Hill Road, Suite 100  
CITY: Menlo Park  
STATE: CA  
COUNTRY: US  
ZIP: 94025  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: Windows95  
SOFTWARE: FastSeq for Windows Version 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/225,928

FILING DATE: 05-Jan-1999  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/859,998  
FILING DATE: 21-MAY-1997  
ATTORNEY/AGENT INFORMATION:  
NAME: Field, Bret E.  
REGISTRATION NUMBER: 37,620  
REFERENCE/DOCKET NUMBER: 09096/002001  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 415-322-5070  
TELEFAX: 415-854-0875  
INFORMATION FOR SEQ ID NO: 1216:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 26 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
FEATURE:  
OTHER INFORMATION: oligonucleotide primer  
US-09-225-928-1216

Query Match 2.1%; Score 21.2; DB 1; Length 26;  
Best Local Similarity 88.5%; Pred. No. 1.5e+02;  
Matches 23; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 867 GGGATTACAGGCGTGAGCCACGCGC 892  
DB 1 GGGATTACAGGCGTGAGTAACGACGC 26

RESULT 85  
US-09-225-201B-1216  
Sequence 1216, Application US/09225201B  
Patent No. 6489455  
GENERAL INFORMATION:  
APPLICANT: Chenchik, Alex  
Jokhadze, George  
Bibilaashvili, Robert  
TITLE OF INVENTION: METHOD OF ASSAYING DIFFERENTIAL  
EXPRESSION  
NUMBER OF SEQUENCES: 1375  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Fish & Richardson, P.C.  
STREET: 2200 Sand Hill Road, Suite 100  
CITY: Menlo Park  
STATE: CA  
COUNTRY: US  
ZIP: 94025  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: Windows95  
SOFTWARE: FastSeq for Windows Version 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/225,201B  
FILING DATE: 05-Jan-1999  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/08/859,998  
FILING DATE: 21-MAY-1997  
ATTORNEY/AGENT INFORMATION:  
NAME: Field, Bret E.  
REGISTRATION NUMBER: 37,620  
REFERENCE/DOCKET NUMBER: 09096/002001  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 415-322-5070  
TELEFAX: 415-854-0875  
INFORMATION FOR SEQ ID NO: 1216:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 26 base pairs

TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
FEATURE:  
OTHER INFORMATION: oligonucleotide primer  
SEQUENCE DESCRIPTION: SEQ ID NO: 1216  
US-09-225-201B-1216

Query Match 2.1%; Score 21.2; DB 1; Length 26;  
Best Local Similarity 88.5%; Pred. No. 1.5e+02;  
Matches 23; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 867 GGGATTACAGCGCTGAGCCACGACGC 892  
DB 1 GGGATTACAGCGTGTGAGTAACGACGC 26

RESULT 86  
US-08-133-629-2/c  
Sequence 2, Application US/08133629  
Patent No. 5597694

GENERAL INFORMATION:  
APPLICANT: Munroe, David J.  
APPLICANT: Houseman, David E.  
TITLE OF INVENTION: AMPLIFICATION OF NUCLEIC ACIDS  
NUMBER OF SEQUENCES: 8  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Wolf, Greenfield & Sacks, P.C.  
STREET: 600 Atlantic Avenue  
CITY: Boston  
STATE: Massachusetts  
COUNTRY: United States of America  
ZIP: 02210  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/133,629  
FILING DATE: 07-OCT-1993  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Greer, Helen  
REGISTRATION NUMBER: 36,816  
REFERENCE/DOCKET NUMBER: M0828/7001  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 617-720-3500  
TELEFAX: 617-720-2441  
TELEX: 92-1742 EZEKIEL  
INFORMATION FOR SEQ ID NO: 2:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 21 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear

US-08-133-629-2

Query Match 2.1%; Score 21; DB 1; Length 21;  
Best Local Similarity 100.0%; Pred. No. 1.2e+02;  
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 967 ATCTGGCTCACTGCACTC 987  
DB 21 ATCTGGCTCACTGCACTC 1

RESULT 87  
US-09-366-840-1/c  
Sequence 1, Application US/09366840  
Patent No. 6228345  
GENERAL INFORMATION:

APPLICANT: Osowski, Lilianna  
TITLE OF INVENTION: In Vivo Assay for Intravasation  
FILE REFERENCE: A32590 70165.0550  
CURRENT APPLICATION NUMBER: US/09/366,840  
CURRENT FILING DATE: 1999-08-04  
NUMBER OF SEQ ID NOS: 2  
SOFTWARE: Patentin Ver. 2.1  
SEQ ID NO 1  
LENGTH: 21  
TYPE: DNA  
ORGANISM: Human  
US-09-366-840-1

Query Match 2.1%; Score 21; DB 1; Length 21;  
Best Local Similarity 100.0%; Pred. No. 1.2e+02;  
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 390 AAGTGTGGATTACAGGCT 410  
DB 21 AAGTGTGGATTACAGGCT 1

RESULT 88  
US-09-060-023A-3/c  
Sequence 3, Application US/09060023A  
Patent No. 6391642

GENERAL INFORMATION:  
APPLICANT: Resnick, Michael A.  
APPLICANT: Larionov, Vladimir L.  
APPLICANT: Koudrina, Natalay Y.  
APPLICANT: Perkins, Edward L.  
TITLE OF INVENTION: TRANSFORMATION-ASSOCIATED RECOMBINATION  
NUMBER OF SEQUENCES: 10  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Needle & Rosenberg, P.C.  
STREET: Suite 1200, 127 Peachtree Street, N.E.  
CITY: Atlanta  
STATE: Georgia  
COUNTRY: USA  
ZIP: 30303-1811  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/060,023A  
FILING DATE: April 14, 1998  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: PCT/US96/11478  
FILING DATE: JULY 9, 1996  
ATTORNEY/AGENT INFORMATION:  
NAME: Perryman, David G.  
REGISTRATION NUMBER: 33,438  
REFERENCE/DOCKET NUMBER: 14014.0291  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 404-688-0770  
TELEFAX: 404-688-9880  
INFORMATION FOR SEQ ID NO: 3:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 24 bases  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)

US-09-060-023A-3

Query Match 2.1%; Score 20.8; DB 1; Length 24;  
Best Local Similarity 91.7%; Pred. No. 1.4e+02;  
Matches 22; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 675 TCACTGCACTCTGCTCCCGG 698

Db 24 TCACGTCAAGCTCCGCTCCGGG 1

RESULT 89  
US-09-657-472-503

; Sequence 503, Application US/09657472  
; Patent No. 6727063  
; GENERAL INFORMATION:  
; APPLICANT: Lander, Eric S.  
; APPLICANT: Gargill, Michele  
; APPLICANT: Ireland, James S.  
; APPLICANT: Bolik, Stacey  
; APPLICANT: Daley, George Q.  
; APPLICANT: McCarthy, Jeanette J.  
; TITLE OF INVENTION: SINGLE NUCLEOTIDE POLYMORPHISMS IN GENES  
; FILE REFERENCE: 2825.1027-001  
; CURRENT APPLICATION NUMBER: US/09/657,472  
; CURRENT FILING DATE: 2000-09-07  
; PRIOR APPLICATION NUMBER: US 60/153,357  
; PRIOR FILING DATE: 1999-09-10  
; PRIOR APPLICATION NUMBER: US 60/220,947  
; PRIOR FILING DATE: 2000-07-26  
; PRIOR APPLICATION NUMBER: US 60/225,724  
; PRIOR FILING DATE: 2000-08-16  
; NUMBER OF SEQ ID NOS: 2551  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 503  
; LENGTH: 21  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-657-472-503

Query Match 2.1%; Score 20.6; DB 1; Length 21;  
Best Local Similarity 95.2%; Pred. No. 1.3e+02;  
Matches 20; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 383 CCTCCCAAGTCTGGGATTA 403  
Db 1 CCTCCCAAGTCTGGGATTA 21

RESULT 90  
US-09-526-193A-275/c  
; Sequence 275, Application US/09526193A  
; Patent No. 6617122  
; GENERAL INFORMATION:  
; APPLICANT: Hayden, Michael R.  
; APPLICANT: Brooks-Wilson, Angela R.  
; APPLICANT: Pimstone, Simon N.  
; TITLE OF INVENTION: METHODS AND REAGENTS FOR MODULATING  
; TITLE OF INVENTION: CHOLESTEROL LEVELS  
; FILE REFERENCE: 50110/002005  
; CURRENT APPLICATION NUMBER: US/09/526,193A  
; CURRENT FILING DATE: 2000-03-15  
; PRIOR APPLICATION NUMBER: 60/124,702  
; PRIOR FILING DATE: 1999-03-15  
; PRIOR APPLICATION NUMBER: 60/138,048  
; PRIOR FILING DATE: 1999-06-08  
; PRIOR APPLICATION NUMBER: 60/139,600  
; PRIOR FILING DATE: 1999-06-17  
; PRIOR APPLICATION NUMBER: 60/151,977  
; PRIOR FILING DATE: 1999-09-01  
; NUMBER OF SEQ ID NOS: 287  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 275  
; LENGTH: 22  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-526-193A-275

Query Match 2.1%; Score 20.4; DB 1; Length 22;  
Best Local Similarity 95.5%; Pred. No. 1.4e+02;

Matches 21; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
Qy 533 TCCTCTGCTCAGCTCCCAA 554  
Db 22 TTCCTCTGCTCAGCTCCCAA 1

RESULT 91  
US-08-837-201C-25  
; Sequence 25, Application US/08837201C  
; Patent No. 5985558  
; GENERAL INFORMATION:  
; APPLICANT: Nicholas M. Dean, Robert A. McKay, Loren J.  
; APPLICANT: Miraglia, Brenda F. Baker  
; TITLE OF INVENTION: Antisense Oligonucleotide  
; TITLE OF INVENTION: Compositions and Methods for the Modulation of  
; TITLE OF INVENTION: Activating Protein 1  
; NUMBER OF SEQUENCES: 139  
; CORRESPONDENCE ADDRESS:  
; ADDRESS: Law Offices of Jane Massey Licata  
; STREET: 66 East Main Street  
; CITY: Marlton  
; STATE: NJ  
; COUNTRY: USA  
; ZIP: 08053

; COMPUTER READABLE FORM:  
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE  
; COMPUTER: IBM PS/2  
; OPERATING SYSTEM: WINDOWS 95  
; SOFTWARE: WORDPERFECT 6.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/837,201C  
; FILING DATE: April 14, 1997  
; CLASSIFICATION: 514  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER:  
; FILING DATE:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Jane Massey Licata  
; REGISTRATION NUMBER: 32,257  
; REFERENCE/DOCKET NUMBER: ISPH-0209  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (609) 810-1515  
; TELEFAX: (609) 810-1454  
; INFORMATION FOR SEQ ID NO: 25:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20  
; TYPE: Nucleic Acid  
; STRANDEDNESS: Single  
; TOPOLOGY: Linear  
; ANTI-SENSE: Yes  
US-08-837-201C-25

Query Match 2.0%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.3e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 843 CCTGCTGGGCTCCCAAG 862  
Db 1 CCTGCTGGGCTCCCAAG 20

RESULT 92  
US-09-280-805-242/c  
; Sequence 242, Application US/09280805  
; Patent No. 6184212  
; GENERAL INFORMATION:  
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.  
; APPLICANT: Graham, Brett P. Monia  
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDN2  
; TITLE OF INVENTION: EXPRESSION  
; NUMBER OF SEQUENCES: 271  
; CORRESPONDENCE ADDRESS:



ADDRESSEE: Law Offices of Jane Massey Licata  
STREET: 66 East Main Street  
CITY: Marlton  
STATE: NJ  
COUNTRY: U.S.A.  
ZIP: 08053  
COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE  
COMPUTER: IBM PC  
OPERATING SYSTEM: WINDOWS 95  
SOFTWARE: WORDPERFECT 6.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/280,805  
FILING DATE: herewith  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 09/048,810  
FILING DATE: March 26, 1998  
ATTORNEY/AGENT INFORMATION:  
NAME: Licata, Jane Massey  
REGISTRATION NUMBER: 32,257  
REFERENCE/DOCKET NUMBER: ISPH-0346  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 609-810-1515  
TELEFAX: 609-810-1454  
INFORMATION FOR SEQ ID NO: 242:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
ANTI-SENSE: Yes  
US-09-280-805-242

Query Match 2.0%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.3e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 937 CTTGTTACCCAGGCTGAGTG 956  
DB 20 CTTGTTACCCAGGCTGAGTG 1

RESULT 93  
US-09-280-805-266/C  
Sequence 266, Application US/09280805  
Patent No. 6184212  
GENERAL INFORMATION:  
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.  
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2  
NUMBER OF SEQUENCES: 271  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Law Offices of Jane Massey Licata  
STREET: 66 East Main Street  
CITY: Marlton  
STATE: NJ  
COUNTRY: U.S.A.  
ZIP: 08053  
COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE  
COMPUTER: IBM PC  
OPERATING SYSTEM: WINDOWS 95  
SOFTWARE: WORDPERFECT 6.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/280,805  
FILING DATE: herewith  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 09/048,810  
FILING DATE: March 26, 1998  
ATTORNEY/AGENT INFORMATION:

NAME: Licata, Jane Massey  
REGISTRATION NUMBER: 32,257  
REFERENCE/DOCKET NUMBER: ISPH-0346  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 609-810-1515  
TELEFAX: 609-810-1454  
INFORMATION FOR SEQ ID NO: 266:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
ANTI-SENSE: Yes  
US-09-280-805-266

Query Match 2.0%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.3e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 851 GGCCTCCCAAGTCTGGGA 870  
DB 20 GGCCTCCCAAGTCTGGGA 1

RESULT 94  
US-09-280-805-267/C  
Sequence 267, Application US/09280805  
Patent No. 6184212  
GENERAL INFORMATION:  
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.  
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2  
NUMBER OF SEQUENCES: 271  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Law Offices of Jane Massey Licata  
STREET: 66 East Main Street  
CITY: Marlton  
STATE: NJ  
COUNTRY: U.S.A.  
ZIP: 08053  
COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE  
COMPUTER: IBM PC  
OPERATING SYSTEM: WINDOWS 95  
SOFTWARE: WORDPERFECT 6.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/280,805  
FILING DATE: herewith  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 09/048,810  
FILING DATE: March 26, 1998  
ATTORNEY/AGENT INFORMATION:  
NAME: Licata, Jane Massey  
REGISTRATION NUMBER: 32,257  
REFERENCE/DOCKET NUMBER: ISPH-0346  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 609-810-1515  
TELEFAX: 609-810-1454  
INFORMATION FOR SEQ ID NO: 267:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
ANTI-SENSE: Yes  
US-09-280-805-267

Query Match 2.0%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.3e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;



Db 20 CAGCTGAGTGCAGTGGCG 1

RESULT 99  
US-09-733-294A-82  
Sequence 82, Application US/09733294A  
Patent No. 6492171  
GENERAL INFORMATION:  
APPLICANT: Brett P. Monia  
APPLICANT: William Gaarde  
APPLICANT: Susan M. Freier  
APPLICANT: Edward V. Wanciewicz  
TITLE OF INVENTION: ANTISENSE MODULATION OF TERT EXPRESSION  
FILE REFERENCE: ISPH-0527  
CURRENT APPLICATION NUMBER: US/09/733, 294A  
CURRENT FILING DATE: 2000-12-07  
PRIOR APPLICATION NUMBER: 09/572,423  
PRIOR FILING DATE: 2000-05-16  
NUMBER OF SEQ ID NOS: 108  
SEQ ID NO 82  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
OTHER INFORMATION: Antisense Oligonucleotide  
US-09-733-294A-82

Query Match 2.0%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.3e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 863 TGCTGGATTACAGCGCTGA 882  
Db 1 TGCTGGATTACAGCGCTGA 20

RESULT 100  
US-09-060-299-78  
Sequence 78, Application US/09060299  
Patent No. 6545137  
GENERAL INFORMATION:  
APPLICANT: Todd, John A  
APPLICANT: Hesse, John W  
APPLICANT: Caskey, Charles T  
APPLICANT: Cox, Roger D  
APPLICANT: Gerhold, David  
APPLICANT: Hammond, Holly  
APPLICANT: Hey, Patricia  
APPLICANT: Kawaguchi, Yoshihiko  
APPLICANT: Merriman, Tony R  
APPLICANT: Metzker, Michael L  
TITLE OF INVENTION: No. 6545137el Receptor  
NUMBER OF SEQUENCES: 455  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Nixon and Vanderhye  
STREET: 1100 No. 6545137th Glebe Road, Eighth Floor  
CITY: Arlington  
STATE: Virginia  
COUNTRY: US  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25 (EPO)  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/060, 299  
FILING DATE: 15-APR-1998  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 60/043,553  
FILING DATE: 15-APR-1997  
PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 60/048,740  
FILING DATE: 05-JUN-1997  
ATTORNEY/AGENT INFORMATION:  
NAME: B.J.Sadoff  
REGISTRATION NUMBER: 36,663  
REFERENCE/DOCKET NUMBER: 620-35  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (703)816-4091  
TELEFAX: (703)816-4100  
INFORMATION FOR SEQ ID NO: 78:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-09-060-299-78

Query Match 2.0%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.3e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1112 AGGCTGGTCTCAAACTCTG 1131  
Db 1 AGGCTGGTCTCAAACTCTG 20

RESULT 101  
US-09-402-923A-78  
Sequence 78, Application US/09402923A  
Patent No. 655654  
GENERAL INFORMATION:  
APPLICANT: Todd, John A  
APPLICANT: Hesse, John W  
APPLICANT: Caskey, Charles T  
APPLICANT: Cox, Roger D  
APPLICANT: Gerhold, David  
APPLICANT: Hammond, Holly  
APPLICANT: Hey, Patricia  
APPLICANT: Kawaguchi, Yoshihiko  
APPLICANT: Merriman, Tony R  
APPLICANT: Metzker, Michael L  
TITLE OF INVENTION: No. 655654el LDL-Receptor  
NUMBER OF SEQUENCES: 455  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Nixon and Vanderhye  
STREET: 1100 No. 655654th Glebe Road, Eighth Floor  
CITY: Arlington  
STATE: Virginia  
COUNTRY: US  
ZIP: VA 22201-4714  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25 (EPO)  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/402, 923A  
FILING DATE: 14-Feb-2001  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: PCT/GB98/01102  
FILING DATE: 15-APR-1998  
APPLICATION NUMBER: US 60/043,553  
FILING DATE: 15-APR-1997  
APPLICATION NUMBER: US 60/048,740  
FILING DATE: 05-JUN-1997  
ATTORNEY/AGENT INFORMATION:  
NAME: B.J.Sadoff  
REGISTRATION NUMBER: 36,663  
REFERENCE/DOCKET NUMBER: 620-81  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (703)816-4091  
TELEFAX: (703)816-4100  
INFORMATION FOR SEQ ID NO: 78:

```

;
; SEQUENCE CHARACTERISTICS:
;   LENGTH: 20 base pairs
;   TYPE: nucleic acid
;   STRANDEDNESS: single
;   TOPOLOGY: linear
;
; SEQUENCE DESCRIPTION: SEQ ID NO: 78:
US-09-402-923A-78

Query Match      2.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1112 AGCGTGTCTCAACTCCTG 1131
DB      1 AGCGTGTCTCAACTCCTG 20

RESULT 102
US-09-418-804-1/c
; Sequence 1, Application US/0941804A
; Patent No. 6562959
; GENERAL INFORMATION:
; APPLICANT: CHERIF, Dorra
; TITLE OF INVENTION: FLUORESCENT PROBES FOR CHROMOSOME PAINTING
; FILE REFERENCE: GENSET.069AUS
; CURRENT APPLICATION NUMBER: US/09/418,804A
; CURRENT FILING DATE: 1999-10-15
; EARLIER APPLICATION NUMBER: FR 96/12957
; EARLIER FILING DATE: 1998-10-15
; NUMBER OF SEQ ID NOS: 3
; SEQ ID NO 1
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..20
; OTHER INFORMATION: primer PCR Alu
US-09-418-804-1

Query Match      2.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      643 CCAGGCTGAGTGAGTG 662
DB      20 CCAGGCTGAGTGAGTG 1

RESULT 103
US-09-679-299A-70
; Sequence 70, Application US/09679299A
; Patent No. 6566135
; GENERAL INFORMATION:
; APPLICANT: Vickie L. Brown-Driver
; APPLICANT: Hong Zhang
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF CASPASE 6 EXPRESSION
; FILE REFERENCE: RTS-0187
; CURRENT APPLICATION NUMBER: US/09/679,299A
; CURRENT FILING DATE: 2000-10-04
; NUMBER OF SEQ ID NOS: 164
; SEQ ID NO 70
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-679-299A-70

Query Match      2.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```

QY      387 CCAAGTCTGGATTACAG 406
DB      1 CCAAGTCTGGATTACAG 20

RESULT 104
US-09-679-299A-73
; Sequence 73, Application US/09679299A
; Patent No. 6566135
; GENERAL INFORMATION:
; APPLICANT: Vickie L. Brown-Driver
; APPLICANT: Hong Zhang
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF CASPASE 6 EXPRESSION
; FILE REFERENCE: RTS-0187
; CURRENT APPLICATION NUMBER: US/09/679,299A
; CURRENT FILING DATE: 2000-10-04
; NUMBER OF SEQ ID NOS: 164
; SEQ ID NO 73
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-679-299A-73

Query Match      2.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      211 CTGCTCTCGAACTCCGACC 230
DB      1 CTGCTCTCGAACTCCGACC 20

RESULT 105
US-09-679-299A-74
; Sequence 74, Application US/09679299A
; Patent No. 6566135
; GENERAL INFORMATION:
; APPLICANT: Vickie L. Brown-Driver
; APPLICANT: Hong Zhang
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF CASPASE 6 EXPRESSION
; FILE REFERENCE: RTS-0187
; CURRENT APPLICATION NUMBER: US/09/679,299A
; CURRENT FILING DATE: 2000-10-04
; NUMBER OF SEQ ID NOS: 164
; SEQ ID NO 74
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-679-299A-74

Query Match      2.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      202 TTGTCAGGCTGTCTCGAA 221
DB      1 TTGTCAGGCTGTCTCGAA 20

RESULT 106
US-08-753-147-28/c
; Sequence 28, Application US/08753147
; Patent No. 5770372
; GENERAL INFORMATION:
; APPLICANT: Concannon, Patrick
; TITLE OF INVENTION: Detection of Mutations in the Human ATM Gene
```

```

NUMBER OF SEQUENCES: 196
CORRESPONDENCE ADDRESS:
ADDRESSEE: Christensen O'Connor Johnson and Kindness
STREET: 1420 5th Avenue
CITY: Seattle
STATE: Washington
COUNTRY: USA
ZIP: 98101-2347

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/753,147
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Sheiness, Diana K.
REGISTRATION NUMBER: 35,356
REFERENCE/DOCKET NUMBER: VMEC-1-9714
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 743-4387
TELEFAX: (206) 224 0779
INFORMATION FOR SEQ ID NO: 28:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
ORGANISM: Homo sapiens
US-08-753-147-28

Query Match 2.0%; Score 20; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 1.4e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 643 CCCAGCGTGGAGTGCAGTGG 662
Db 21 CCCAGCGTGGAGTGCAGTGG 2

RESULT 107
US-09-018-584A-96/c
; Sequence 96, Application US/09018584A
; Patent No. 6238863
; GENERAL INFORMATION:
; APPLICANT: Schumm, James W.
; TITLE OF INVENTION: MATERIALS AND METHODS FOR
; TITLE OF INVENTION: IDENTIFYING AND ANALYZING
; TITLE OF INVENTION: REPEAT DNA MARKERS
; NUMBER OF SEQUENCES: 147
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Promega Corporation
; STREET: 2800 Woods Hollow Road
; CITY: Madison
; STATE: Wisconsin
; COUNTRY: U.S.A.
; ZIP: 53711-5399
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette - 3.5 inch, 1.44 MB
; COMPUTER: IBM compatible PC
; OPERATING SYSTEM: Windows 95
; SOFTWARE: word 97 (DOS text format)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/018,584A
; FILING DATE: 04-Feb-1998
; CLASSIFICATION:

```

```

NAME: Grady J. Frenchick
REGISTRATION NUMBER: 29,018
REFERENCE/DOCKET NUMBER: 16026.9180
TELECOMMUNICATION INFORMATION:
TELEPHONE: (608) 257-3501
TELEFAX: (608) 257-2275
INFORMATION FOR SEQ ID NO: 96:
SEQUENCE CHARACTERISTICS:
LENGTH: 24
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
US-09-018-584A-96

Query Match 2.0%; Score 19.8; DB 1; Length 24;
Best Local Similarity 91.3%; Pred. No. 1.8e+02;
Matches 21; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Db 23 TATCACCAGCTGAGTGCAAT 1

Query 108
US-09-784-423-96/c
Sequence 96, Application US/09784423
Patent No. 6767703
GENERAL INFORMATION:
APPLICANT: Schumm, James W.
Bacher, Jeffery W.
TITLE OF INVENTION: MATERIALS AND METHODS FOR
IDENTIFYING AND ANALYZING INTERMEDIATE TANDEM
REPEAT DNA MARKERS
NUMBER OF SEQUENCES: 147
CORRESPONDENCE ADDRESS:
ADDRESSER: Promega Corporation
STREET: 2800 Woods Hollow Road
CITY: Madison
STATE: Wisconsin
COUNTRY: U.S.A.
ZIP: 53711-5399
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette - 3.5 inch, 1.44 MB
COMPUTER: IBM compatible PC
OPERATING SYSTEM: Windows 95
SOFTWARE: Word 97 (DOS text format)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/784,423
FILING DATE: 15-Feb-2001
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/018,584
FILING DATE: 04-Feb-1998
ATTORNEY/AGENT INFORMATION:
NAME: Grady J. Frenchick
REGISTRATION NUMBER: 29,018
REFERENCE/DOCKET NUMBER: 16026.9180
TELECOMMUNICATION INFORMATION:
TELEPHONE: (608) 257-3501
TELEFAX: (608) 257-2275
INFORMATION FOR SEQ ID NO: 96
SEQUENCE CHARACTERISTICS:
LENGTH: 24
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
SEQUENCE DESCRIPTION: SEQ ID NO: 96
US-09-784-423-96

Query Match 2.0%; Score 19.8; DB 1; Length 24;
Best Local Similarity 91.3%; Pred. No. 1.8e+02;
Matches 21; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

```



APPLICANT: DIGIOVINE, FRANCESCO S.  
 TITLE OF INVENTION: DIAGNOSTICS AND THERAPEUTICS FOR DISEASES ASSOCIATED  
 TITLE OF INVENTION: WITH AN IL-1 INFLAMMATORY HAPLOTYPE  
 FILE REFERENCE: MSA-010.02  
 CURRENT APPLICATION NUMBER: US/09/845,129  
 PRIOR FILING DATE: 2001-04-27  
 PRIOR APPLICATION NUMBER: 09/345,217  
 PRIOR FILING DATE: 1999-06-30  
 PRIOR APPLICATION NUMBER: PCT/GB98/01481  
 PRIOR FILING DATE: 1998-05-21  
 PRIOR APPLICATION NUMBER: 9711040.7  
 PRIOR FILING DATE: 1997-05-29  
 NUMBER OF SEQ ID NOS: 32  
 SOFTWARE: PatentIn Ver. 2.0  
 SEQ ID NO 10  
 LENGTH: 24  
 TYPE: DNA  
 ORGANISM: Artificial Sequence  
 FEATURE:  
 OTHER INFORMATION: Description of Artificial Sequence: primer  
 US-09-845-129-10

Query Match 1.9%; Score 19.2; DB 1; Length 24;  
 Best Local Similarity 87.5%; Pred. No. 2e+02; 3; Indels 0; Gaps 0;  
 Matches 21; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 868 GGATTACAGGGGTGAGCCACGACG 891  
 Db 1 GGATTACAGGGGTGAGCCACGCG 24

RESULT 113  
 US-08-629-939-10  
 Sequence 10, Application US/0862939  
 Patent No. 5645395  
 GENERAL INFORMATION:  
 APPLICANT: Kieback, Dirk G.  
 TITLE OF INVENTION: METHODS FOR DIAGNOSING AN INCREASED  
 TITLE OF INVENTION: RISK OF BREAST OR OVARIAN CANCER  
 NUMBER OF SEQUENCES: 14  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: SUGHRUE, MION, ZINN, MACPEAK & SEAS  
 STREET: 2100 Pennsylvania Avenue, N.W., Suite 800  
 CITY: Washington, D.C.  
 STATE: D.C.  
 COUNTRY: U.S.A.  
 ZIP: 20037  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: PatentIn Release #1.0, Version #1.25  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/629,939  
 FILING DATE: 12-APRIL-1996  
 CLASSIFICATION: 435  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Kit, Gordon  
 REGISTRATION NUMBER: 30,764  
 REFERENCE/DOCKET NUMBER: A-6612  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (202) 293-7060  
 TELEFAX: (202) 293-7060  
 INFORMATION FOR SEQ ID NO: 10:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 19 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 MOLECULE TYPE: DNA  
 HYPOTHETICAL: NO  
 US-08-629-939-10

Query Match 1.9%; Score 19; DB 1; Length 19;  
 Best Local Similarity 100.0%; Pred. No. 1.5e+02;  
 Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 389 AAAGTGTGGATTACAGG 407  
 Db 1 AAAGTGTGGATTACAGG 19

RESULT 114  
 US-08-759-873-10  
 Sequence 10, Application US/08759873  
 Patent No. 5683885  
 GENERAL INFORMATION:  
 APPLICANT: Kieback, Dirk G.  
 TITLE OF INVENTION: METHODS FOR DIAGNOSING AN INCREASED RISK  
 TITLE OF INVENTION: OF BREAST OR OVARIAN CANCER  
 NUMBER OF SEQUENCES: 14  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: SUGHRUE, MION, ZINN, MACPEAK & SEAS  
 STREET: 2100 Pennsylvania Avenue, N.W., Suite 800  
 CITY: Washington, D.C.  
 STATE: D.C.  
 COUNTRY: U.S.A.  
 ZIP: 20037  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: PatentIn Release #1.0, Version #1.25  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/759,873  
 FILING DATE: 12-APRIL-1996  
 CLASSIFICATION: 435  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Kit, Gordon  
 REGISTRATION NUMBER: 30,764  
 REFERENCE/DOCKET NUMBER: A-6612  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (202) 293-7060  
 TELEFAX: (202) 293-7860  
 INFORMATION FOR SEQ ID NO: 10:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 19 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 MOLECULE TYPE: DNA  
 HYPOTHETICAL: NO  
 US-08-759-873-10

Query Match 1.9%; Score 19; DB 1; Length 19;  
 Best Local Similarity 100.0%; Pred. No. 1.5e+02;  
 Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 389 AAAGTGTGGATTACAGG 407  
 Db 1 AAAGTGTGGATTACAGG 19

RESULT 115  
 US-09-280-805-243/C  
 Sequence 243, Application US/09280805  
 Patent No. 6184212  
 GENERAL INFORMATION:  
 APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.  
 TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2  
 TITLE OF INVENTION: EXPRESSION  
 NUMBER OF SEQUENCES: 271  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Law Offices of Jane Massey Licata  
 STREET: 66 East Main Street

CITY: Marlton  
STATE: NJ  
COUNTRY: U.S.A.  
ZIP: 08053  
COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE  
COMPUTER: IBM PC  
OPERATING SYSTEM: WINDOWS 95  
SOFTWARE: WORDPERFECT 6.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/280,805  
FILING DATE: herewith  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 09/048,810  
FILING DATE: March 26, 1998  
ATTORNEY/AGENT INFORMATION:  
NAME: Licata, Jane Massey  
REGISTRATION NUMBER: 32,257  
REFERENCE/DOCKET NUMBER: ISPH-0346  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 609-810-1515  
TELEFAX: 609-810-1454  
INFORMATION FOR SEQ ID NO: 243:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
ANTI-SENSE: Yes  
US-09-280-805-243

Query Match 1.9%; Score 19; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.6e+02;  
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 644 CCAGCTGAGTGCAGTGG 662  
DB 20 CCAGCTGAGTGCAGTGG 2

RESULT 116  
US-09-280-805-250/C  
Sequence 250, Application US/09280805  
Patent No. 6184212  
GENERAL INFORMATION:  
APPLICANT: Loren J. Miraglie, Pamela Nero, Mark J.  
APPLICANT: Graham, Brett P. Monia  
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2  
TITLE OF INVENTION: EXPRESSION  
NUMBER OF SEQUENCES: 271  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Law Offices of Jane Massey Licata  
STREET: 66 East Main Street  
CITY: Marlton  
STATE: NJ  
COUNTRY: U.S.A.  
ZIP: 08053  
COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE  
COMPUTER: IBM PC  
OPERATING SYSTEM: WINDOWS 95  
SOFTWARE: WORDPERFECT 6.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/280,805  
FILING DATE: herewith  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 09/048,810  
FILING DATE: March 26, 1998  
ATTORNEY/AGENT INFORMATION:  
NAME: Licata, Jane Massey  
REGISTRATION NUMBER: 32,257

REFERENCE/DOCKET NUMBER: ISPH-0346  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 609-810-1515  
TELEFAX: 609-810-1454  
INFORMATION FOR SEQ ID NO: 250:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
ANTI-SENSE: Yes  
US-09-280-805-250

Query Match 1.9%; Score 19; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.6e+02;  
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 536 TCCTGCTCAGCTCCCA 554  
DB 20 TCCTGCTCAGCTCCCA 2

RESULT 117  
US-09-487-445-94/C  
Sequence 94, Application US/09487445  
Patent No. 6258600  
GENERAL INFORMATION:  
APPLICANT: Lex M. Cowser  
APPLICANT: Hong Zhang  
TITLE OF INVENTION: ANTISENSE MODULATION OF CASPASE 8 EXPRESSION  
FILE REFERENCE: RTS-0107  
CURRENT APPLICATION NUMBER: US/09/487,445  
CURRENT FILING DATE: 2000-01-19  
NUMBER OF SEQ ID NOS: 176  
SEQ ID NO 94  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-09-487-445-94

Query Match 1.9%; Score 19; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.6e+02;  
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 646 AGCGTGAAGTGCAGTGGC 664  
DB 20 AGCGTGAAGTGCAGTGGC 2

RESULT 118  
US-09-898-361-95  
Sequence 95, Application US/09898361  
Patent No. 6503152  
GENERAL INFORMATION:  
APPLICANT: Susan Murray  
APPLICANT: Jacqueline Wyatt  
TITLE OF INVENTION: ANTISENSE MODULATION OF TRANSFORMING GROWTH FACTOR BETA RECEPTOR  
TITLE OF INVENTION: EXPRESSION  
FILE REFERENCE: RTS-0158  
CURRENT APPLICATION NUMBER: US/09/898,361  
CURRENT FILING DATE: 2001-06-21  
NUMBER OF SEQ ID NOS: 163  
SEQ ID NO 95  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-09-898-361-95

Query Match 1.9%; Score 19; DB 1; Length 20;



Best Local Similarity 100.0%; Pred. No. 1.6e+02;  
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 541 CCTGAGCTCCAGTAGC 559  
|||||  
Db 2 CCTGAGCTCCAGTAGC 20

## RESULT 119

US-09-060-299-286  
Sequence 286, Application US/09060299

Patent No. 6545137

GENERAL INFORMATION:

APPLICANT: Todd, John A

APPLICANT: Hees, John W

APPLICANT: Caskey, Charles T

APPLICANT: Cox, Roger D

APPLICANT: Gerhold, David

APPLICANT: Hammond, Holly

APPLICANT: Hey, Patricia

APPLICANT: Kawauchi, Yoshiniko

APPLICANT: Merriman, Tony R

APPLICANT: Metzker, Michael L

TITLE OF INVENTION: No. 6545137el Receptor

NUMBER OF SEQUENCES: 455

CORRESPONDENCE ADDRESS:

ADDRESSEE: Nixon and Vanderhye

STREET: 1100 No. 6545137th Glebe Road, Eighth Floor

CITY: Arlington

STATE: Virginia

COUNTRY: US

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

OPERATING SYSTEM: IBM PC compatible

SOFTWARE: Patent Release #1.0, Version #1.25 (EPO)

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/060,299

FILING DATE: 15-APR-1998

CLASSIFICATION: 435

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 60/043,553

FILING DATE: 15-APR-1997

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 60/048,740

FILING DATE: 05-JUN-1997

ATTORNEY/AGENT INFORMATION:

NAME: B.J.Sadoff

REGISTRATION NUMBER: 36,663

REFERENCE/DOCKET NUMBER: 620-35

TELECOMMUNICATION INFORMATION:

TELEPHONE: (703)816-4091

TELEFAX: (703)816-4100

INFORMATION FOR SEQ ID NO: 286:

SEQUENCE CHARACTERISTICS:

LENGTH: 20 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

US-09-060-299-286

Query Match 1.9%; Score 19; DB 1; Length 20;

Best Local Similarity 100.0%; Pred. No. 1.6e+02;

Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 668 TCTTGCTCACTGCAACT 686  
|||||  
Db 2 TCTTGCTCACTGCAACT 20

## RESULT 120

US-09-402-923A-286  
Sequence 286, Application US/09402923A

Patent No. 6555654

GENERAL INFORMATION:

APPLICANT: Todd, John A

APPLICANT: Hees, John W

APPLICANT: Caskey, Charles T

APPLICANT: Cox, Roger D

APPLICANT: Gerhold, David

APPLICANT: Hammond, Holly

APPLICANT: Hey, Patricia

APPLICANT: Kawauchi, Yoshiniko

APPLICANT: Merriman, Tony R

APPLICANT: Metzker, Michael L

TITLE OF INVENTION: No. 6555654el LDL-Receptor

NUMBER OF SEQUENCES: 455

CORRESPONDENCE ADDRESS:

ADDRESSEE: Nixon and Vanderhye

STREET: 1100 No. 6555654th Glebe Road, Eighth Floor

CITY: Arlington

STATE: Virginia

COUNTRY: US

ZIP: VA 22201-4714

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

OPERATING SYSTEM: IBM PC compatible

SOFTWARE: Patent Release #1.0, Version #1.25 (EPO)

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/402,923A

FILING DATE: 14-Feb-2001

PRIOR APPLICATION DATA:

APPLICATION NUMBER: PCT/GB98/01102

FILING DATE: 15-APR-1998

APPLICATION NUMBER: US 60/043,553

FILING DATE: 15-APR-1997

APPLICATION NUMBER: US 60/048,740

FILING DATE: 05-JUN-1997

ATTORNEY/AGENT INFORMATION:

NAME: B.J.Sadoff

REGISTRATION NUMBER: 36,663

REFERENCE/DOCKET NUMBER: 620-81

TELECOMMUNICATION INFORMATION:

TELEPHONE: (703)816-4091

TELEFAX: (703)816-4100

INFORMATION FOR SEQ ID NO: 286:

SEQUENCE CHARACTERISTICS:

LENGTH: 20 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

US-09-402-923A-286

Query Match 1.9%; Score 19; DB 1; Length 20;

Best Local Similarity 100.0%; Pred. No. 1.6e+02;

Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 668 TCTTGCTCACTGCAACT 686  
|||||  
Db 2 TCTTGCTCACTGCAACT 20

## RESULT 121

US-09-574-779B-30  
Sequence 30, Application US/09574779B

Query Match 1.9%; Score 19; DB 1; Length 20;

Best Local Similarity 100.0%; Pred. No. 1.6e+02;

Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 668 TCTTGCTCACTGCAACT 686  
|||||  
Db 2 TCTTGCTCACTGCAACT 20

## RESULT 122

US-09-574-779B-30  
Sequence 30, Application US/09574779B

Query Match 1.9%; Score 19; DB 1; Length 20;

Best Local Similarity 100.0%; Pred. No. 1.6e+02;

Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 668 TCTTGCTCACTGCAACT 686  
|||||  
Db 2 TCTTGCTCACTGCAACT 20

## RESULT 123

US-09-574-779B-30  
Sequence 30, Application US/09574779B

Query Match 1.9%; Score 19; DB 1; Length 20;

Best Local Similarity 100.0%; Pred. No. 1.6e+02;

Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 668 TCTTGCTCACTGCAACT 686  
|||||  
Db 2 TCTTGCTCACTGCAACT 20

## RESULT 124

US-09-574-779B-30  
Sequence 30, Application US/09574779B

Query Match 1.9%; Score 19; DB 1; Length 20;

Best Local Similarity 100.0%; Pred. No. 1.6e+02;

Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 668 TCTTGCTCACTGCAACT 686  
|||||  
Db 2 TCTTGCTCACTGCAACT 20

## RESULT 125

US-09-574-779B-30  
Sequence 30, Application US/09574779B

Query Match 1.9%; Score 19; DB 1; Length 20;

Best Local Similarity 100.0%; Pred. No. 1.6e+02;

Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 668 TCTTGCTCACTGCAACT 686  
|||||  
Db 2 TCTTGCTCACTGCAACT 20

## RESULT 126

US-09-574-779B-30  
Sequence 30, Application US/09574779B

Query Match 1.9%; Score 19; DB 1; Length 20;

Best Local Similarity 100.0%; Pred. No. 1.6e+02;

Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 668 TCTTGCTCACTGCAACT 686  
|||||  
Db 2 TCTTGCTCACTGCAACT 20

## RESULT 127

US-09-574-779B-30  
Sequence 30, Application US/09574779B

Query Match 1.9%; Score 19; DB 1; Length 20;

Best Local Similarity 100.0%; Pred. No. 1.6e+02;

Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 668 TCTTGCTCACTGCAACT 686  
|||||  
Db 2 TCTTGCTCACTGCAACT 20

## RESULT 128

US-09-574-779B-30  
Sequence 30, Application US/09574779B

Query Match 1.9%; Score 19; DB 1; Length 20;

Best Local Similarity 100.0%; Pred. No. 1.6e+02;

Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 668 TCTTGCTCACTGCAACT 686  
|||||  
Db 2 TCTTGCTCACTGCAACT 20

## RESULT 129

US-09-574-779B-30  
Sequence 30, Application US/09574779B

Query Match 1.9%; Score 19; DB 1; Length 20;

Best Local Similarity 100.0%; Pred. No. 1.6e+02;

Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 668 TCTTGCTCACTGCAACT 686  
|||||  
Db 2 TCTTGCTCACTGCAACT 20

## RESULT 130

US-09-574-779B-30  
Sequence 30, Application US/09574779B

Query Match 1.9%; Score 19; DB 1; Length 20;

Best Local Similarity 100.0%; Pred. No. 1.6e+02;

Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 668 TCTTGCTCACTGCAACT 686  
|||||  
Db 2 TCTTGCTCACTGCAACT 20

## RESULT 131

US-09-574-779B-30  
Sequence 30, Application US/09574779B

Query Match 1.9%; Score 19; DB 1; Length 20;

Best Local Similarity 100.0%; Pred. No. 1.6e+02;

Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 668 TCTTGCTCACTGCAACT 686  
|||||  
Db 2 TCTTGCTCACTGCAACT 20

## RESULT 132

US-09-574-779B-30  
Sequence 30, Application US/09574779B

Query Match 1.9%; Score 19; DB 1; Length 20;

Best Local Similarity 100.0%; Pred. No. 1.6e+02;

Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 668 TCTTGCTCACTGCAACT 686  
|||||  
Db 2 TCTTGCTCACTGCAACT 20

## RESULT 133

US-09-574-779B-30  
Sequence 30, Application US/09574779B

Query Match 1.9%; Score 19; DB 1; Length 20;

Best Local Similarity 100.0%; Pred. No. 1.6e+02;

Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 668 TCTTGCTCACTGCAACT 686  
|||||  
Db 2 TCTTGCTCACTGCAACT 20

## RESULT 134

US-09-574-779B-30  
Sequence 30, Application US/09574779B

Query Match 1.9%; Score 19; DB 1; Length 20;

Best Local Similarity 100.0%; Pred. No. 1.6e+02;

Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 668 TCTTGCTCACTGCAACT 686  
|||||  
Db 2 TCTTGCTCACTGCAACT 20

## RESULT 135

US-09-574-779B-30  
Sequence 30, Application US/09574779B

Query Match 1.9%; Score 19; DB 1; Length 20;

Best Local Similarity 100.0%; Pred. No. 1.6e+02;

Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 668 TCTTGCTCACTGCAACT 686  
|||||  
Db 2 TCTTGCTCACTGCAACT 20

## RESULT 136

US-09-574-779B-30  
Sequence 30, Application US/09574779B

Query Match 1.9%; Score 19; DB 1; Length 20;

Best Local Similarity 100.0%; Pred. No. 1.6e+02;

Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 668 TCTTGCTCACTGCAACT 686  
|||||  
Db 2 TCTTGCTCACTGCAACT 20

## RESULT 137

US-09-574-779B-30  
Sequence 30, Application US/09574779B

Query Match 1.9%; Score 19; DB 1; Length 20;

Best Local Similarity 100.0%; Pred. No. 1.6e+02;

Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 668 TCTTGCTCACTGCAACT 686  
|||||  
Db 2 TCTTGCTCACTGCAACT 20

## RESULT 138

US-09-574-779B-30  
Sequence 30, Application US/09574779B

Query Match 1.9%; Score 19; DB 1; Length 20;

Best Local Similarity 100.0%; Pred. No. 1.6e+02;

Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 668 TCTTGCTCACTGCAACT 686  
|||||  
Db 2 TCTTGCTCACTGCAACT 20

## RESULT 139

US-09-574-779B-30  
Sequence 30, Application US/09574779B

Query Match 1.9%; Score 19; DB 1; Length 20;

Best Local Similarity 100.0%; Pred. No. 1.6e+02;

Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 668 TCTTGCTCACTGCAACT 686  
|||||  
Db 2 TCTTGCTCACTGCAACT 20

## RESULT 140

US-09-574-779B-30  
Sequence 30, Application US/09574779B

Query Match 1.9%; Score 19; DB 1; Length 20;

Best Local Similarity 100.0%; Pred. No. 1.6e+02;

Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 668 TCTTGCTCACTGCAACT 686  
|||||  
Db 2 TCTTGCTCACTGCAACT 20

## RESULT 141

US-09-574-779B-30  
Sequence 30, Application US/09574779B

Query Match 1.9%; Score 19; DB 1; Length 20;

Best Local Similarity 100.0%; Pred. No. 1.6e+02;

Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 668 TCTTGCTCACTGCAACT 686  
|||||  
Db 2 TCTTGCTCACTGCAACT 20

## RESULT 142

US-09-574-779B-30  
Sequence 30, Application US/09574779B

Query Match 1.9%; Score 19; DB 1; Length 20;

Best Local Similarity 100.0%; Pred. No. 1.6e+02;

PRIOR FILING DATE: 1999-05-17  
NUMBER OF SEQ ID NOS: 158  
SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO: 30  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: primer FVR510F  
US-09-574-779B-30

Query Match 1.9%; Score 19; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.6e+02;  
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 864 GCTGGATTACAGCGGTGA 882  
Db 1 GCTGGATTACAGCGGTGA 19

RESULT 122

US-08-874-186-11  
Sequence 11, Application US/08874186  
Patent No. 598985

GENERAL INFORMATION:

APPLICANT: Teng, David H-F.

APPLICANT: Tavtligian, Sean V.

APPLICANT: Perry III, William L.

APPLICANT: Skolnick, Mark H.

TITLE OF INVENTION: SPECIFIC MUTATIONS OF MAP KINASE KINASE

TITLE OF INVENTION: 4 (MKK4) IN HUMAN TUMOR CELL LINES IDENTIFY IT AS A TUMOR

NUMBER OF SEQUENCES: 96

CORRESPONDENCE ADDRESS:

ADDRESSEE: Venable, Baetjer, Howard & Civiletti, LLP

STREET: 1201 New York Avenue, N.W., Suite 1000

CITY: Washington

STATE: DC

COUNTRY: U.S.A.

ZIP: 20005

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/874,186

FILING DATE:

CLASSIFICATION: 435

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/782,482

FILING DATE: 10-JUN-1997

ATTORNEY/AGENT INFORMATION:

NAME: Saxe, Stephen A.

REGISTRATION NUMBER: 38,609

REFERENCE/DOCKET NUMBER: 24884-121392-01

TELECOMMUNICATION INFORMATION:

TELEPHONE: 202-962-4848

TELEFAX: 202-962-8300

INFORMATION FOR SEQ ID NO: 11:

SEQUENCE CHARACTERISTICS:

LENGTH: 22 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: other nucleic acid

DESCRIPTION: /desc = "Primer for STS."

US-08-874-186-11

Query Match

Best Local Similarity 1.9%; Score 18.8; DB 1; Length 22;

Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 176 TTATAGATGATGAGTTTC 197  
Db 1 TTATAGATGATGAGTTTC 22

RESULT 123

US-08-781-891-11

Sequence 11, Application US/08781891

Patent No. 6090620

GENERAL INFORMATION:

APPLICANT: Pu, Ying-Hui

APPLICANT: Yu, Chang-En

APPLICANT: Oshima, Junko

APPLICANT: Mulligan, John T.

APPLICANT: Schellenberg, Gerald D.

TITLE OF INVENTION: GENE AND GENE PRODUCTS RELATED TO

TITLE OF INVENTION: WERNER'S SYNDROME

NUMBER OF SEQUENCES: 209

CORRESPONDENCE ADDRESS:

ADDRESSEE: SEED AND BERRY LLP

STREET: 6300 Columbia Center, 701 Fifth Avenue

CITY: Seattle

STATE: Washington

COUNTRY: USA

ZIP: 98104-7092

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/781,891

FILING DATE: 27-DEC-1996

CLASSIFICATION: 800

ATTORNEY/AGENT INFORMATION:

NAME: No. 6090620tendurg Ph.D., Carol

REGISTRATION NUMBER: 39,317

REFERENCE/DOCKET NUMBER: 240052.419

TELECOMMUNICATION INFORMATION:

TELEPHONE: (206) 622-4900

TELEFAX: (206) 682-6031

INFORMATION FOR SEQ ID NO: 11:

SEQUENCE CHARACTERISTICS:

LENGTH: 22 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

US-08-781-891-11

Query Match

Best Local Similarity 1.9%; Score 18.8; DB 1; Length 22;

Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 479 AGTGCAGGTGTGATCAGC 500  
Db 1 AGTGCAGGTGTGATCAGC 22

RESULT 124

US-09-918-686-90/c

Sequence 90, Application US/09918686

Patent No. 6475739

GENERAL INFORMATION:

APPLICANT: Proll, Sean

APPLICANT: Paepfer, Bryan

APPLICANT: Staehling-Hampton, Karen

TITLE OF INVENTION: METHODS FOR IDENTIFYING

TITLE OF INVENTION: GENOMIC DELETIONS

FILE REFERENCE: 240083.515

CURRENT APPLICATION NUMBER: US/09/918,686

CURRENT FILING DATE: 2001-07-30

NUMBER OF SEQ ID NOS: 105



```
/ Patent No. 6528268
/ GENERAL INFORMATION:
/ APPLICANT: Anderson, Maria K.
/ APPLICANT: Berglund, Lars G. T.
/ APPLICANT: Reneland, Rickard H.
/ APPLICANT: Adam, Gail I. R.
/ TITLE OF INVENTION: REAGENTS AND METHODS FOR DETECTION OF HEART FAILURE
/ FILE REFERENCE: GGI26US
/ CURRENT APPLICATION NUMBER: US/09/922,445
/ CURRENT FILING DATE: 2001-08-03
/ NUMBER OF SEQ ID NOS: 51
/ SOFTWARE: PatentIn version 3.1
/ SEQ ID NO 42
/ LENGTH: 23
/ TYPE: DNA
/ ORGANISM: synthetic
US-09-922-445-42

Query Match: 1.9%; Score 18.8; DB 1; Length 23;
Best Local Similarity 90.9%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1058 ACACCCGCTAATTTTGTATT 1079
DB 22 ACACCCGCTGATTTTGTATT 1

RESULT 129
US-09-454-495-9
Sequence 9, Application US/09454495
GENERAL INFORMATION:
APPLICANT: Reddy, Gurucharan
APPLICANT: Zeng, Hong
APPLICANT: Vallerga, Anne
APPLICANT: Zatlins, David A.
TITLE OF INVENTION: NOVEL ANTISENSE INHIBITION OF RAD51
FILE REFERENCE: A-67649-1/RMS/DAV/JJD
CURRENT APPLICATION NUMBER: US/09/454,495
CURRENT FILING DATE: 1999-12-06
PRIOR APPLICATION NUMBER: 60/119,578
PRIOR FILING DATE: 1999-02-10
NUMBER OF SEQ ID NOS: 10
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 3
LENGTH: 23
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic.
US-09-454-495-9

Query Match: 1.9%; Score 18.8; DB 1; Length 23;
Best Local Similarity 90.9%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 837 GATCGCTGCGCCGCGCTCCC 858
DB 2 GATCCACTGCTCGGCTCTCC 23

RESULT 130
US-08-222-177A-341
Sequence 341, Application US/08222177A
Patent No. 5582979
GENERAL INFORMATION:
APPLICANT: Weber, James L.
TITLE OF INVENTION: LENGTH POLYMORPHISMS IN
(dg-dt)n SEQUENCES AND METHODS OF USING SAME
NUMBER OF SEQUENCES: 460
CORRESPONDENCE ADDRESS:
ADDRESSEE: Dewitt Ross & Stevens, S.C.
STREET: 8000 Excelsior Drive, Suite 401
```

```
/ CITY: Madison
/ STATE: Wisconsin
/ COUNTRY: USA
/ ZIP: 53717-1914
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: PatentIn Release #1.0, Version #1.25
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/222,177A
/ FILING DATE:
/ CLASSIFICATION: 435
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 07/341,562
/ FILING DATE: 21-APR-1989
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Sata, Charles S.
/ REGISTRATION NUMBER: 30,492
/ REFERENCE/DOCKET NUMBER: 09865,601
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (608) 831-2100
/ TELEFAX: (608) 831-2106
/ TELEX:
/ INFORMATION FOR SEQ ID NO: 341:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 20 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: double
/ TOPOLOGY: linear
/ MOLECULE TYPE: DNA (genomic)
/ IMMEDIATE SOURCE:
/ CLONE: mfd107p1
US-08-222-177A-341

Query Match: 1.9%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 1.8e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 386 CCCAAGTCTGGGATTACA 405
DB 1 CCCAAGTCTGGGATTACA 20

RESULT 131
US-08-222-177A-351/C
Sequence 351, Application US/08222177A
Patent No. 5582979
GENERAL INFORMATION:
APPLICANT: Weber, James L.
TITLE OF INVENTION: LENGTH POLYMORPHISMS IN
(dg-da)n (dg-dt)n SEQUENCES AND METHODS OF USING SAME
NUMBER OF SEQUENCES: 460.
CORRESPONDENCE ADDRESS:
ADDRESSEE: Dewitt Ross & Stevens, S.C.
STREET: 8000 Excelsior Drive, Suite 401
CITY: Madison
STATE: Wisconsin
COUNTRY: USA
ZIP: 53717-1914
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: PatentIn Release #1.0, Version #1.25
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/222,177A
/ FILING DATE:
/ CLASSIFICATION: 435
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 07/341,562
/ FILING DATE: 21-APR-1989
/ ATTORNEY/AGENT INFORMATION:
```

NAME: Sara, Charles S.  
REGISTRATION NUMBER: 30,492  
REFERENCE/DOCKET NUMBER: 09865.601  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (608) 831-2100  
TELEFAX: (608) 831-2106  
TELEX:  
INFORMATION FOR SEQ ID NO: 351:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: double  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
IMMEDIATE SOURCE:  
CLONE: mcd110p2  
US-08-222-177A-351

Query Match 1.9%; Score 18.4; DB 1; Length 20;  
Best Local Similarity 95.0%; Pred. No. 1.8e+02;  
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 577 ACCACTACCTGGCTAATT 596  
DB 20 ACCACACACCTGGCTAATT 1

RESULT 132  
US-08-588-821-70  
Sequence 70, Application US/08588821  
Patent No. 5712097  
GENERAL INFORMATION:  
APPLICANT: Kern, Scott E.  
APPLICANT: Hahn, Stephan A.  
TITLE OF INVENTION: NOVEL TUMOR SUPPRESSOR GENE, DPC4  
NUMBER OF SEQUENCES: 91  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Fish & Richardson P.C.  
STREET: 4225 Executive Square, Suite 1400  
CITY: La Jolla  
STATE: CA  
COUNTRY: USA  
ZIP: 92037  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/588,821  
FILING DATE: 19-JAN-1996  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Haile, Lisa A.  
REGISTRATION NUMBER: 38,347  
REFERENCE/DOCKET NUMBER: 07265/079001  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 619/678-5070  
TELEFAX: 619/678-5099  
INFORMATION FOR SEQ ID NO: 70:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
US-08-588-821-70

Query Match 1.9%; Score 18.4; DB 1; Length 20;  
Best Local Similarity 95.0%; Pred. No. 1.8e+02;  
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 385 TCCCAAGTCTGGATTAC 404

DB 1 TCCCAAGTCTGGATTTC 20

RESULT 133  
US-08-605-089-43/C  
Sequence 43, Application US/08605089  
Patent No. 5719026  
GENERAL INFORMATION:  
APPLICANT: Takafumi FUKUI  
APPLICANT: Kiyonori KATSURAGI  
APPLICANT: Moritoshi KINOSHITA  
APPLICANT: Sadahito SHIN  
TITLE OF INVENTION: METHOD FOR DETECTING POLYMORPHISM OF  
NUMBER OF SEQUENCES: 45  
TITLE OF INVENTION: HUMAN CYTOCHROME P4501A2 GENE  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: SUGHRUE, MION, ZINN, MACPEAK & SEAS  
STREET: 2100 Pennsylvania Avenue, N.W.  
CITY: Washington  
STATE: DC  
COUNTRY: USA  
ZIP: 20037  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/605,089  
FILING DATE: 06-MAR-1996  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: JPA-6-154571  
FILING DATE: 06-JUL-1994  
APPLICATION NUMBER: PCT/JP95/01352  
FILING DATE: 06-JUL-1995  
INFORMATION FOR SEQ ID NO: 43:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 BASES  
TYPE: NUCLEOTIDE  
STRANDEDNESS: SINGLE  
TOPOLOGY: LINEAR  
MOLECULE TYPE: DNA  
US-08-605-089-43

Query Match 1.9%; Score 18.4; DB 1; Length 20;  
Best Local Similarity 95.0%; Pred. No. 1.8e+02;  
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 721 GCCCTCTAGTACTGGAC 740  
DB 20 GCGTCTAGTACTGGAC 1

RESULT 134  
US-08-915-214-70  
Sequence 70, Application US/08915214  
Patent No. 5814457  
GENERAL INFORMATION:  
APPLICANT: Kern, Scott E.  
APPLICANT: Hahn, Stephan A.  
TITLE OF INVENTION: NOVEL TUMOR SUPPRESSOR GENE, DPC4  
NUMBER OF SEQUENCES: 91  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Fish & Richardson P.C.  
STREET: 4225 Executive Square, Suite 1400  
CITY: La Jolla  
STATE: CA  
COUNTRY: USA  
ZIP: 92037  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/915,214  
FILING DATE: 20-AUG-1997  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/588,821  
FILING DATE: 19-JAN-1996  
ATTORNEY/AGENT INFORMATION:  
NAME: Haile, Lisa A.  
REGISTRATION NUMBER: 38,347  
REFERENCE/DOCKET NUMBER: 07265/079001  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 619/678-5070  
TELEFAX: 619/678-5099  
INFORMATION FOR SEQ ID NO: 70:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
US-08-915-214-70

Query Match 1.9%; Score 18.4; DB 1; Length 20;  
Best Local Similarity 95.0%; Pred. No. 1.8e+02;  
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 385 TCCCAAGTCTGGATTAC 404  
DB 1 TCCCAAGTCTGGATTTC 20

RESULT 135  
US-08-849-701-12  
Sequence 12, Application US/08849701  
Patent No. 5922544  
GENERAL INFORMATION:  
APPLICANT: Miyai, Kiyoshi  
APPLICANT: Naitoh, Tadamu  
APPLICANT: Yonekawa, Toshihiro  
TITLE OF INVENTION: Method of Cell Detection  
NUMBER OF SEQUENCES: 12  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Knobbe, Martens, Olson & Bear  
STREET: 620 Newport Center Drive 16th Floor  
CITY: Newport Beach  
STATE: CA  
COUNTRY: U.S.A.  
ZIP: 92660  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FASTSQ Version 1.5  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/849,701  
FILING DATE:  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: PCT/JP95/02734  
FILING DATE: 27-DEC-1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Altman, Daniel E.  
REGISTRATION NUMBER: 34,115  
REFERENCE/DOCKET NUMBER: EIKEN1.001APC  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 714-760-0404  
TELEFAX: 714-760-9502  
TELEX:  
INFORMATION FOR SEQ ID NO: 12:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs

TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-849-701-12

Query Match 1.9%; Score 18.4; DB 1; Length 20;  
Best Local Similarity 95.0%; Pred. No. 1.8e+02;  
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1007 ATTCTCTGTCAGCCTCC 1026  
DB 1 ATTCTCTGTCAGCCTCC 20

RESULT 136  
US-09-005-532-70  
Sequence 70, Application US/09005532  
Patent No. 5955292  
GENERAL INFORMATION:  
APPLICANT: Kern, Scott E.  
APPLICANT: Hahn, Stephan A.  
TITLE OF INVENTION: NOVEL TUMOR SUPPRESSOR GENE, DPC4  
NUMBER OF SEQUENCES: 91  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Fish & Richardson P.C.  
STREET: 4225 Executive Square, Suite 1400  
CITY: La Jolla  
STATE: CA  
COUNTRY: USA  
ZIP: 92037  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/005,532  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/588,821  
FILING DATE: 19-JAN-1996  
ATTORNEY/AGENT INFORMATION:  
NAME: Haile, Lisa A.  
REGISTRATION NUMBER: 38,347  
REFERENCE/DOCKET NUMBER: 07265/079001  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 619/678-5070  
TELEFAX: 619/678-5099  
INFORMATION FOR SEQ ID NO: 70:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
US-09-005-532-70

Query Match 1.9%; Score 18.4; DB 1; Length 20;  
Best Local Similarity 95.0%; Pred. No. 1.8e+02;  
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 385 TCCCAAGTCTGGATTAC 404  
DB 1 TCCCAAGTCTGGATTTC 20

RESULT 137  
US-09-289-267-164  
Sequence 164, Application US/09289267A  
Patent No. 6046320  
GENERAL INFORMATION:  
APPLICANT: Brett P. Monia

APPLICANT: Lex M. Cowsett  
TITLE OF INVENTION: ANTISENSE MODULATION OF MDKX EXPRESSION  
FILE REFERENCE: RTS-0049  
CURRENT APPLICATION NUMBER: US/09/289,267A  
CURRENT FILING DATE: 1999-04-04  
NUMBER OF SEQ ID NOS: 166  
SEQ ID NO 164  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-09-289-267-164

Query Match 1.9%; Score 18.4; DB 1; Length 20;  
Best Local Similarity 95.0%; Pred. No. 1.8e+02;  
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 648 GCTGAGTGCAGTGGCGCAA 667  
Db 1 GCTGAGTGCAGTGGCTCAA 20

RESULT 138  
US-09-435-296-80/c  
Sequence 80, Application US/09435296  
Patent No. 6171860  
GENERAL INFORMATION:  
APPLICANT: Brenda F. Baker  
TITLE OF INVENTION: ANTISENSE MODULATION OF RANK EXPRESSION  
FILE REFERENCE: RTS-0116  
CURRENT APPLICATION NUMBER: US/09/435,296  
CURRENT FILING DATE: 1999-11-05  
NUMBER OF SEQ ID NOS: 89  
SEQ ID NO 80  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-09-435-296-80

Query Match 1.9%; Score 18.4; DB 1; Length 20;  
Best Local Similarity 95.0%; Pred. No. 1.8e+02;  
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 843 CTTGCTCGGCTCCCAAG 862  
Db 20 CCAGCTCGGCTCCCAAG 1

RESULT 139  
US-09-435-296-81/c  
Sequence 81, Application US/09435296  
Patent No. 6171860  
GENERAL INFORMATION:  
APPLICANT: Brenda F. Baker  
TITLE OF INVENTION: ANTISENSE MODULATION OF RANK EXPRESSION  
FILE REFERENCE: RTS-0116  
CURRENT APPLICATION NUMBER: US/09/435,296  
CURRENT FILING DATE: 1999-11-05  
NUMBER OF SEQ ID NOS: 89  
SEQ ID NO 81  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-09-435-296-81

Query Match 1.9%; Score 18.4; DB 1; Length 20;

Best Local Similarity 95.0%; Pred. No. 1.8e+02;  
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
Qy 392 GTGCTGGATTACAGCGTG 411  
Db 20 GTACTGGATTACAGCGTG 1

RESULT 140  
US-09-280-805-246/c  
Sequence 246, Application US/09280805  
Patent No. 6184212  
GENERAL INFORMATION:  
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.  
APPLICANT: Graham, Brett P. Monia  
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2  
NUMBER OF SEQUENCES: 271  
CORRESPONDENCE ADDRESS:  
ADDRESSER: Law Offices of Jane Massey Licata  
STREET: 66 East Main Street  
CITY: Marlton  
STATE: NJ  
COUNTRY: U.S.A.  
ZIP: 08053  
COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE  
COMPUTER: IBM PC  
OPERATING SYSTEM: WINDOWS 95  
SOFTWARE: WORDPERFECT 6.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/280,805  
FILING DATE: herewith  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 09/048,810  
FILING DATE: March 26, 1998  
ATTORNEY/AGENT INFORMATION:  
NAME: Licata, Jane Massey  
REGISTRATION NUMBER: 32,257  
REFERENCE/DOCKET NUMBER: ISPH-0346  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 609-810-1515  
TELEFAX: 609-810-1454  
INFORMATION FOR SEQ ID NO: 246:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
ANTI-SENSE: Yes  
US-09-280-805-246

Query Match 1.9%; Score 18.4; DB 1; Length 20;  
Best Local Similarity 95.0%; Pred. No. 1.8e+02;  
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 668 TCTTGCTCACTGCAACCTC 687  
Db 20 TCTTGCTCACTGCAACCTC 1

RESULT 141  
US-09-280-805-268/c  
Sequence 268, Application US/09280805  
Patent No. 6184212  
GENERAL INFORMATION:  
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.  
APPLICANT: Graham, Brett P. Monia  
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2  
NUMBER OF SEQUENCES: 271  
CORRESPONDENCE ADDRESS:

Query Match 1.9%; Score 18.4; DB 1; Length 20;

ADDRESSER: Law Offices of Jane Massey Licata  
STREET: 66 East Main Street  
CITY: Marlton  
STATE: NJ  
COUNTRY: U.S.A.  
ZIP: 08053  
COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
OPERATING SYSTEM: WINDOWS 95  
SOFTWARE: WORDPERFECT 6.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/280,805  
FILING DATE: herewith  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 09/048,810  
FILING DATE: March 26, 1998  
ATTORNEY/AGENT INFORMATION:  
NAME: Licata, Jane Massey  
REGISTRATION NUMBER: 32,257  
REFERENCE/DOCKET NUMBER: ISPH-0346  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 609-810-1515  
TELEFAX: 609-810-1454  
INFORMATION FOR SEQ ID NO: 268:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
ANTI-SENSE: Yes  
US-09-280-805-268

Query Match 1.9%; Score 18.4; DB 1; Length 20;  
Best Local Similarity 95.0%; Pred. No. 1.8e+02;  
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 868 GGATTACAGCGGACCCAC 887  
DB 20 GGATTACAGCGATGACCCAC 1

RESULT 142  
US-09-286-959B-12/C  
Sequence 12, Application US/09286959B  
Patent No. 6300131  
GENERAL INFORMATION:  
APPLICANT: Johns Hopkins University  
APPLICANT: Greider, Carol W.  
APPLICANT: Le, Siyuan  
TITLE OF INVENTION: TELOMERASE-ASSOCIATED PROTEINS  
FILE REFERENCE: 07265/157001  
CURRENT APPLICATION NUMBER: US/09/286,959B  
CURRENT FILING DATE: 1999-04-06  
PRIOR APPLICATION NUMBER: 60/080,783  
PRIOR FILING DATE: 1998-04-06  
NUMBER OF SEQ ID NOS: 24  
SOFTWARE: FastSeq for Windows Version 4.0  
SEQ ID NO 12  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Primer  
US-09-286-959B-12

Query Match 1.9%; Score 18.4; DB 1; Length 20;  
Best Local Similarity 95.0%; Pred. No. 1.8e+02;  
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
QY 730 GTAGCTGGACTACAGCGCG 749  
|||||

DB 20 GTAGCTGGACTACAGCGCAC 1  
RESULT 143  
US-09-467-642-68/C  
Sequence 68, Application US/09467642  
Patent No. 6300132  
GENERAL INFORMATION:  
APPLICANT: Brett P. Monia  
APPLICANT: Lex M. Cowart  
TITLE OF INVENTION: ANTISENSE MODULATION OF TELOMERIC REPEAT BINDING FACTOR 2 EXPRES  
FILE REFERENCE: RTS-0106  
CURRENT APPLICATION NUMBER: US/09/467,642  
CURRENT FILING DATE: 1999-12-20  
NUMBER OF SEQ ID NOS: 89  
SEQ ID NO 68  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-09-467-642-68

Query Match 1.9%; Score 18.4; DB 1; Length 20;  
Best Local Similarity 95.0%; Pred. No. 1.8e+02;  
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 735 TGGGACTACAGCGCCGCCAC 754  
DB 20 TGGGACTACAGCGCCGCCC 1

RESULT 144  
US-09-467-642-73/C  
Sequence 73, Application US/09467642  
Patent No. 6300132  
GENERAL INFORMATION:  
APPLICANT: Brett P. Monia  
APPLICANT: Lex M. Cowart  
TITLE OF INVENTION: ANTISENSE MODULATION OF TELOMERIC REPEAT BINDING FACTOR 2 EXPRES  
FILE REFERENCE: RTS-0106  
CURRENT APPLICATION NUMBER: US/09/467,642  
CURRENT FILING DATE: 1999-12-20  
NUMBER OF SEQ ID NOS: 89  
SEQ ID NO 73  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-09-467-642-73

Query Match 1.9%; Score 18.4; DB 1; Length 20;  
Best Local Similarity 95.0%; Pred. No. 1.8e+02;  
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 863 TCCTGGATTACAGCGCTGA 882  
DB 20 TCCTGGATTACAGCGCTGA 1

RESULT 145  
US-09-488-856A-71/C  
Sequence 71, Application US/09488856A  
Patent No. 6316259  
GENERAL INFORMATION:  
APPLICANT: Brett P. Monia  
APPLICANT: Robert McKay  
APPLICANT: Madeline M. Butler  
APPLICANT: Jacqueline Wyatt  
TITLE OF INVENTION: ANTISENSE MODULATION OF GLYCOSYL SYNTHASE KINASE 3 ALPHA EXP  
FILE REFERENCE: RTS-0115  
CURRENT APPLICATION NUMBER: US/09/488,856A



```
/ CURRENT FILING DATE: 2000-01-21
/ NUMBER OF SEQ ID NOS: 88
/ SEQ ID NO 71
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-09-488-856A-71

Query Match
Best Local Similarity 1.9%; Score 18.4; DB 1; Length 20;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 968 TCTGGGCTCACTGCAACCTC 967
DB 20 TCTGGGCTCACTGCAACCTC 1

RESULT 146
US-09-488-856A-73/C
/ Sequence 73, Application US/09488856A
/ Patent No. 6316259
/ GENERAL INFORMATION:
/ APPLICANT: Brett P. Monia
/ APPLICANT: Robert McKay
/ APPLICANT: Madeline M. Butler
/ APPLICANT: Jacqueline Wyatt
/ TITLE OF INVENTION: ANTISENSE MODULATION OF GLYCOGEN SYNTHASE KINASE 3 ALPHA EXT
/ FILE REFERENCE: RTS-0115
/ CURRENT APPLICATION NUMBER: US/09/488, 856A
/ CURRENT FILING DATE: 2000-01-21
/ NUMBER OF SEQ ID NOS: 88
/ SEQ ID NO 73
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-09-488-856A-73

Query Match
Best Local Similarity 1.9%; Score 18.4; DB 1; Length 20;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 863 TGCTGGGATTACAGGCGTGA 862
DB 20 TGCTGGGATTACAGGCGTGA 1

RESULT 147
US-09-662-250A-76
/ Sequence 76, Application US/09662250A
/ Patent No. 6368856
/ GENERAL INFORMATION:
/ APPLICANT: Brett P. Monia
/ APPLICANT: Jacqueline Wyatt
/ TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHORYLASE KINASE BETA EXPRESSION
/ FILE REFERENCE: RTS-0129
/ CURRENT APPLICATION NUMBER: US/09/662, 250A
/ CURRENT FILING DATE: 2000-09-14
/ NUMBER OF SEQ ID NOS: 102
/ SEQ ID NO 76
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-09-662-250A-76

Query Match
Best Local Similarity 1.9%; Score 18.4; DB 1; Length 20;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY 636 TCTGTACCCAGGCTGGACT 655
DB 1 TCTGTACCCAGGCTGGACT 20

RESULT 148
US-09-844-634-44/C
/ Sequence 44, Application US/09844634
/ Patent No. 6410324
/ GENERAL INFORMATION:
/ APPLICANT: Andrew T. Watt
/ APPLICANT: C. Frank Bennett
/ APPLICANT: Andrew T. Watt
/ TITLE OF INVENTION: ANTISENSE MODULATION OF TUMOR NECROSIS FACTOR RECEPTOR 2 EXPRESS
/ FILE REFERENCE: RTS-0216
/ CURRENT APPLICATION NUMBER: US/09/844, 634
/ CURRENT FILING DATE: 2001-04-27
/ NUMBER OF SEQ ID NOS: 174
/ SEQ ID NO 44
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-09-844-634-44

Query Match
Best Local Similarity 1.9%; Score 18.4; DB 1; Length 20;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 546 GCCTCCCAAGTAGCTGGGAC 565
DB 20 GCCTCCCAAGTAGATGGAC 1

RESULT 149
US-09-607-529-3/C
/ Sequence 3, Application US/09607529
/ Patent No. 6465247
/ GENERAL INFORMATION:
/ APPLICANT: David Traver
/ APPLICANT: Koichi Akashi
/ APPLICANT: Koichi Akashi
/ TITLE OF INVENTION: MAMMALIAN MYELOID PROGENITOR CELL
/ FILE REFERENCE: STAN-126
/ CURRENT APPLICATION NUMBER: US/09/607, 529
/ CURRENT FILING DATE: 2000-06-29
/ PRIOR APPLICATION NUMBER: 60/141,421
/ PRIOR FILING DATE: 1999-06-29
/ NUMBER OF SEQ ID NOS: 6
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 3
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-607-529-3

Query Match
Best Local Similarity 1.9%; Score 18.4; DB 1; Length 20;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 391 AGTGTGGGATTACAGGCGT 410
DB 20 AGTGTGGGATTACAGGCGT 1

RESULT 150
US-09-657-346A-24/C
/ Sequence 24, Application US/09657346A
/ Patent No. 6503754
/ GENERAL INFORMATION:
/ APPLICANT: Hong Zhang
```

```

; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF BH3 INTERACTING DOMAIN DEATH AGONIST
; FILE REFERENCE: RTS-0135
; CURRENT APPLICATION NUMBER: US/09/657,346A
; NUMBER OF SEQ ID NOS: 174
; SEQ ID NO 24
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-657-346A-24

Query Match          1.9%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 1.8e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      538 CTGCCTCAGCCTCCCAAGTA 557
DB      20 CTGCCTCAGCCTCCCAAGTA 1

RESULT 151
US-09-657-346A-33
; Sequence 33, Application US/09657346A
; Patent No. 6503754
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF BH3 INTERACTING DOMAIN DEATH AGONIST
; FILE REFERENCE: RTS-0135
; CURRENT APPLICATION NUMBER: US/09/657,346A
; CURRENT FILING DATE: 2000-09-07
; NUMBER OF SEQ ID NOS: 174
; SEQ ID NO 33
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-657-346A-33

Query Match          1.9%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 1.8e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      968 TCTGGCTCACTGCAACCTC 987
DB      1 TCTGGCTCACTGCAACCTC 20

RESULT 152
US-09-920-759-87
; Sequence 87, Application US/09920759
; Patent No. 6537811
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: Susan M. Freiler
; TITLE OF INVENTION: ANTISENSE MODULATION OF SAP-1 EXPRESSION
; FILE REFERENCE: RTS-0267
; CURRENT APPLICATION NUMBER: US/09/920,759
; CURRENT FILING DATE: 2001-08-01
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 87
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-920-759-87
```

```

Query Match          1.9%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 1.8e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      665 CAATCTTGCTCACTGCAAC 684
DB      1 CAATCTTGCTCACTGCAAC 20

RESULT 153
US-09-060-299-257/C
; Sequence 257, Application US/09060299
; Patent No. 6545137
; GENERAL INFORMATION:
; APPLICANT: Todd, John A
; APPLICANT: Hess, John W
; APPLICANT: Caskey, Charles T
; APPLICANT: Cox, Roger D
; APPLICANT: Gerhold, David
; APPLICANT: Hammond, Holly
; APPLICANT: Hey, Patricia
; APPLICANT: Kawaguchi, Yoshiniko
; APPLICANT: Merriman, Tony R
; APPLICANT: Metzker, Michael L
; TITLE OF INVENTION: No. 6545137e1 Receptor
; NUMBER OF SEQUENCES: 455
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Nixon and Vanderhye
; STREET: 1100 No. 6545137th Glebe Road, Eighth Floor
; CITY: Arlington
; STATE: Virginia
; COUNTRY: US
; COMPUTER READABLE FORM:
; MEDIUM TYPE: floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/060,299
; FILING DATE: 15-APR-1998
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/043,553
; FILING DATE: 15-APR-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/048,740
; FILING DATE: 05-JUN-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: B.J. Sadoff
; REGISTRATION NUMBER: 36,663
; REFERENCE/DOCKET NUMBER: 620-35
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703) 816-4091
; TELEFAX: (703) 816-4100
; INFORMATION FOR SEQ ID NO: 257:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-060-299-257

Query Match          1.9%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 1.8e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      391 AGTGCTGGATTACAGGCT 410
DB      20 AGTGCTGGATTACAGGCT 1

RESULT 154
```

US-09-060-299-296  
; Sequence 296, Application US/09060299  
; Patent No. 6545137  
; GENERAL INFORMATION:  
; APPLICANT: Todd, John A  
; APPLICANT: Hees, John W  
; APPLICANT: Caskey, Charles T  
; APPLICANT: Cox, Roger D  
; APPLICANT: Gerhold, David  
; APPLICANT: Hammond, Holly  
; APPLICANT: Hey, Patricia  
; APPLICANT: Kawaguchi, Yoshiniko  
; APPLICANT: Merriman, Tony R  
; APPLICANT: Metzker, Michael L  
; TITLE OF INVENTION: No. 6545137el Receptor  
; NUMBER OF SEQUENCES: 455  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Nixon and Vanderhye  
; STREET: 1100 No. 6545137th Glebe Road, Eighth Floor  
; CITY: Arlington  
; STATE: Virginia  
; COUNTRY: US  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent in Release #1.0, Version #1.25 (EPO)  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/060,299  
; FILING DATE: 15-APR-1998  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 60/043,553  
; FILING DATE: 15-APR-1997  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 60/048,740  
; FILING DATE: 05-JUN-1997  
; ATTORNEY/AGENT INFORMATION:  
; NAME: B.J. Sadoff  
; REGISTRATION NUMBER: 36,663  
; REFERENCE/DOCKET NUMBER: 620-35  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (703)816-4091  
; TELEFAX: (703)816-4100  
; INFORMATION FOR SEQ ID NO: 296:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; US-09-060-299-296

Query Match 1.9%; Score 18.4; DB 1; Length 20;  
Best Local Similarity 95.0%; Pred. No. 1.8e+02;  
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 673 GCTACCTGCAACCTCTGCT 692  
DB 1 GTTCACTGCAACCTCTGCT 20

RESULT 155  
US-09-402-923A-257/C  
; Sequence 257, Application US/09402923A  
; Patent No. 6555654  
; GENERAL INFORMATION:  
; APPLICANT: Todd, John A  
; APPLICANT: Hees, John W  
; APPLICANT: Caskey, Charles T  
; APPLICANT: Cox, Roger D  
; APPLICANT: Gerhold, David  
; APPLICANT: Hammond, Holly  
; APPLICANT: Hey, Patricia

Kawaguchi, Yoshiniko  
Merriman, Tony R  
Metzker, Michael L  
TITLE OF INVENTION: No. 6555654el LDL-Receptor  
NUMBER OF SEQUENCES: 455  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Nixon and Vanderhye  
STREET: 1100 No. 6555654th Glebe Road, Eighth Floor  
CITY: Arlington  
STATE: Virginia  
COUNTRY: US  
ZIP: VA 22201-4714  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent in Release #1.0, Version #1.25 (EPO)  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/402,923A  
FILING DATE: 14-Feb-2001  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: PCT/GB98/01102  
FILING DATE: 15-APR-1998  
APPLICATION NUMBER: US 60/043,553  
FILING DATE: 15-APR-1997  
APPLICATION NUMBER: US 60/048,740  
FILING DATE: 05-JUN-1997  
ATTORNEY/AGENT INFORMATION:  
NAME: B.J. Sadoff  
REGISTRATION NUMBER: 36,663  
REFERENCE/DOCKET NUMBER: 620-81  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (703)816-4091  
TELEFAX: (703)816-4100  
INFORMATION FOR SEQ ID NO: 257:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
SEQUENCE DESCRIPTION: SEQ ID NO: 257:  
US-09-402-923A-257

Query Match 1.9%; Score 18.4; DB 1; Length 20;  
Best Local Similarity 95.0%; Pred. No. 1.8e+02;  
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 391 AGTGTGGATTACAGGCGT 410  
DB 20 AGTGTGGATTACAGGCGAT 1

RESULT 156  
US-09-402-923A-296  
; Sequence 296, Application US/09402923A  
; Patent No. 6555654  
; GENERAL INFORMATION:  
; APPLICANT: Todd, John A  
; APPLICANT: Hees, John W  
; APPLICANT: Caskey, Charles T  
; APPLICANT: Cox, Roger D  
; APPLICANT: Gerhold, David  
; APPLICANT: Hammond, Holly  
; APPLICANT: Hey, Patricia  
; APPLICANT: Kawaguchi, Yoshiniko  
; APPLICANT: Merriman, Tony R  
; APPLICANT: Metzker, Michael L  
; TITLE OF INVENTION: No. 6555654el LDL-Receptor  
; NUMBER OF SEQUENCES: 455  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Nixon and Vanderhye  
; STREET: 1100 No. 6555654th Glebe Road, Eighth Floor  
; CITY: Arlington

```
STATE: Virginia
COUNTRY: US
ZIP: VA 22201-4714
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25 (EFO)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/402,923A
FILING DATE: 14-Feb-2001
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/GB98/01102
FILING DATE: 15-APR-1998
APPLICATION NUMBER: US 60/043,553
FILING DATE: 15-APR-1997
APPLICATION NUMBER: US 60/048,740
FILING DATE: 05-JUN-1997
ATTORNEY/AGENT INFORMATION:
NAME: B.J.Sadoff
REGISTRATION NUMBER: 36,663
REFERENCE/DOCKET NUMBER: 620-81
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703)816-4091
TELEFAX: (703)816-4100
INFORMATION FOR SEQ ID NO: 296:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-402-923A-296

Query Match          1.9%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 1.8e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 673 GCTCAGTGCACCTCGCCT 692
DB 1 GTTCTGTCACACTCTGCTCT 20

RESULT 157
US-09-679-299A-76
Sequence 76, Application US/09679299A
Patent No. 6566135
GENERAL INFORMATION:
APPLICANT: Vickie L. Brown-Driver
APPLICANT: Hong Zhang
APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF CASPASE 6 EXPRESSION
FILE REFERENCE: RFS-0187
CURRENT APPLICATION NUMBER: US/09/679,299A
CURRENT FILING DATE: 2000-10-04
NUMBER OF SEQ ID NOS: 164
SEQ ID NO 76
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURES:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-679-299A-76

Query Match          1.9%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 1.8e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 545 AGCCTCCCAAGTAGCTGGGA 564
DB 1 AGCCTTCAGTAGTAGCTGGGA 20
```

```
RESULT 158
US-09-956-279-3/c
Sequence 3, Application US/09956279
Patent No. 6761883
GENERAL INFORMATION:
APPLICANT: Weisman, Irving L.
APPLICANT: Traver, David Jeffrey
APPLICANT: Akashi, Koichi
TITLE OF INVENTION: MAMMALIAN MYELOID PROGENITOR CELL
SUBSETS
FILE REFERENCE: STAN126CIP
CURRENT APPLICATION NUMBER: US/09/956,279
CURRENT FILING DATE: 2001-09-17
PRIOR APPLICATION NUMBER: 09/607,529
PRIOR FILING DATE: 2000-06-29
PRIOR APPLICATION NUMBER: 60/141,421
PRIOR FILING DATE: 1999-06-29
NUMBER OF SEQ ID NOS: 6
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 3
LENGTH: 20
TYPE: DNA
ORGANISM: Homo sapiens
US-09-956-279-3

Query Match          1.9%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 1.8e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 391 AGTGCTGGGATTACAGGCT 410
DB 20 AGTGCTGGGATTACAGGCT 1

RESULT 159
US-08-133-629-3/c
Sequence 3, Application US/08133629
Patent No. 5597694
GENERAL INFORMATION:
APPLICANT: Munroe, David J.
APPLICANT: Housman, David E.
TITLE OF INVENTION: AMPLIFICATION OF NUCLEIC ACIDS
NUMBER OF SEQUENCES: 8
CORRESPONDENCE ADDRESSES:
ADDRESSER: Wolf, Greenfield & Sacke, P.C.
STREET: 600 Atlantic Avenue
CITY: Boston
STATE: Massachusetts
COUNTRY: United States of America
ZIP: 02210
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/133,629
FILING DATE: 07-OCT-1993
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Greer, Helen
REGISTRATION NUMBER: 36,816
REFERENCE/DOCKET NUMBER: M0828/7001
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-720-3500
TELEFAX: 617-720-2441
TELEX: 92-1742 EZEKIEL
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
```

US-08-133-629-3

Query Match 1.9%; Score 18.4; DB 1; Length 21;

Best Local Similarity 95.0%; Pred. No. 1.9e+02;  
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 493 ATCAGAGCTCAGTGCAGCCT 512

Db 21 ATCAGAGCTCAGTGCAGCCT 2

RESULT 160

US-08-632-575B-31/c

Sequence 31, Application US/08632575B

Patent No. 5843660

GENERAL INFORMATION:

APPLICANT: Schumm, James W.

TITLE OF INVENTION: Multiple Amplification of

TITLE OF INVENTION: Short Tandem Repeat Loci

NUMBER OF SEQUENCES: 61

CORRESPONDENCE ADDRESS:

ADDRESSEE: Promega Corporation

STREET: 2800 Woods Hollow Road

CITY: Madison

STATE: Wisconsin

COUNTRY: U.S.A.

ZIP: 53711-5399

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette - 3.5 inch, 1.44 Mb

COMPUTER: IBM compatible PC

OPERATING SYSTEM: DOS, version 6.0

SOFTWARE: Wordperfect 5.1 (DOS text format)

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/632,575B

FILING DATE: 04/15/96

CLASSIFICATION: 435

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/316,544

FILING DATE: 09/30/94

INFORMATION FOR SEQ ID NO: 31:

SEQUENCE CHARACTERISTICS:

LENGTH: 23

TYPE: Nucleic Acid

STRANDEDNESS: Single

TOPOLOGY: Linear

POSITION IN GENOME:

MAP POSITION: D22S683

US-08-632-575B-31

Query Match 1.9%; Score 18.4; DB 1; Length 23;

Best Local Similarity 95.0%; Pred. No. 2.2e+02;  
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 667 ATCTGGCTCAGTGCAGCCT 686

Db 23 ATCTGGCTCAGTGCAGCCT 4

RESULT 161

US-09-199-542B-31/c

Sequence 31, Application US/09199542B

Patent No. 6479235

GENERAL INFORMATION:

APPLICANT: Schumm, James W.

TITLE OF INVENTION: Multiple Amplification of Short Tandem Repeat Loci

FILE REFERENCE: 16026/9212

CURRENT FILING DATE: 1998-11-25

PRIOR APPLICATION NUMBER: US 08/316,544

PRIOR FILING DATE: 1994-09-30

NUMBER OF SEQ ID NOS: 110

SOFTWARE: Word97 (converted to DOS text format)

SEQ ID NO 31

LENGTH: 23

TYPE: DNA

ORGANISM: Homo sapien

LOCATION: D22S683

US-09-199-542B-31

Query Match 1.9%; Score 18.4; DB 1; Length 23;

Best Local Similarity 95.0%; Pred. No. 2.2e+02;  
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 667 ATCTGGCTCAGTGCAGCCT 686

Db 23 ATCTGGCTCAGTGCAGCCT 4

RESULT 162

US-08-070-517-1

Sequence 1, Application US/08070517

Patent No. 553869

GENERAL INFORMATION:

APPLICANT: Michael J. Siciliano

TITLE OF INVENTION: In-situ Hybridization Probes for

TITLE OF INVENTION: Identification and Banding of

TITLE OF INVENTION: Specific Human Chromosomes and

NUMBER OF SEQUENCES: 5

CORRESPONDENCE ADDRESS:

ADDRESSEE: Arnold, White &amp; Durkee

STREET: P.O. Box 4433

CITY: Houston

STATE: Texas

COUNTRY: USA

ZIP: 77210

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy Disk

COMPUTER: IBM PC Compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: ASCII-DOS

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/070,517

FILING DATE: 19930601

CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:

NAME: Barbara S. Kitchell

REGISTRATION NUMBER: 33,928

REFERENCE/DOCKET NUMBER: UTSC:290/KIT

TELECOMMUNICATION INFORMATION:

TELEPHONE: (512) 320-7200

TELEFAX: (512) 474-7577

INFORMATION FOR SEQ ID NO: 1:

SEQUENCE CHARACTERISTICS:

LENGTH: 19 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

US-08-070-517-1

Query Match 1.8%; Score 18.2; DB 1; Length 19;

Best Local Similarity 89.5%; Pred. No. 1.8e+02;  
Matches 17; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 868 GGATTACAGGCGTGAACCA 886

Db 1 GGATTACAGGCGTGAACCA 19

RESULT 163

US-08-070-517-2/c

Sequence 2, Application US/08070517

```
/ Patent No. 5538869
/ GENERAL INFORMATION:
/ APPLICANT: Michael J. Siciliano
/ APPLICANT: Pu Liu
/ TITLE OF INVENTION: In-situ Hybridization Probes for
/ TITLE OF INVENTION: Identification and Banding of
/ TITLE OF INVENTION: Specific Human Chromosomes and
/ NUMBER OF SEQUENCES: 5
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Arnold, White & Durkee
/ STREET: P.O. Box 4433
/ CITY: Houston
/ STATE: Texas
/ COUNTRY: USA
/ ZIP: 77210
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy Disk
/ COMPUTER: IBM PC Compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: ASCII-DOS
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/070,517
/ FILING DATE: 19930601
/ CLASSIFICATION: 435
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Barbara S. Kitchell
/ REGISTRATION NUMBER: 33,928
/ REFERENCE/DOCKET NUMBER: UTSC:290/KIT
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (512) 320-7200
/ TELEFAX: (512) 474-7577
/ INFORMATION FOR SEQ ID NO: 2:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 19 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ US-08-070-517-2

Query Match      1.8%; Score 18.2; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 1.8e+02;
Matches 17; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY      645 CAGCTGAGTGCAGTGC 663
DB      19 CAGCTGAGTGCATGCGY 1

RESULT 164
US-08-118-441-1
/ Sequence 1, Application US/08118441
/ Patent No. 5578493
/ GENERAL INFORMATION:
/ APPLICANT: Gilliam, T. Conrad
/ APPLICANT: Tanzi, Rudolph E.
/ TITLE OF INVENTION: ISOLATION AND USES OF A WILSON'S DISEASE
/ TITLE OF INVENTION: GENE
/ NUMBER OF SEQUENCES: 29
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Cooper & Dunham
/ STREET: 30 Rockefeller Plaza
/ CITY: New York
/ STATE: New York
/ COUNTRY: United States of America
/ ZIP: 10112
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: Patentin Release #1.0, Version #1.25
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/118,441
```

```
/ FILING DATE:
/ CLASSIFICATION: 435
/ ATTORNEY/AGENT INFORMATION:
/ NAME: White, John P.
/ REGISTRATION NUMBER: 28,678
/ REFERENCE/DOCKET NUMBER: 0575/44011
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (212) 977-9550
/ TELEFAX: (212) 664-0525
/ INFORMATION FOR SEQ ID NO: 1:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 19 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: DNA (genomic)
/ HYPOTHETICAL: NO
/ US-08-118-441-1

Query Match      1.8%; Score 18.2; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 1.8e+02;
Matches 17; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY      868 GGATTACAGCGGTGAGCCA 886
DB      1 GGATTACAGGYGTGAGCCA 19

RESULT 165
US-08-118-441-2/c
/ Sequence 2, Application US/08118441
/ Patent No. 5578493
/ GENERAL INFORMATION:
/ APPLICANT: Gilliam, T. Conrad
/ APPLICANT: Tanzi, Rudolph E.
/ TITLE OF INVENTION: ISOLATION AND USES OF A WILSON'S DISEASE
/ TITLE OF INVENTION: GENE
/ NUMBER OF SEQUENCES: 29
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Cooper & Dunham
/ STREET: 30 Rockefeller Plaza
/ CITY: New York
/ STATE: New York
/ COUNTRY: United States of America
/ ZIP: 10112
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: Patentin Release #1.0, Version #1.25
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/118,441
/ FILING DATE:
/ CLASSIFICATION: 435
/ ATTORNEY/AGENT INFORMATION:
/ NAME: White, John P.
/ REGISTRATION NUMBER: 28,678
/ REFERENCE/DOCKET NUMBER: 0575/44011
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (212) 977-9550
/ TELEFAX: (212) 664-0525
/ INFORMATION FOR SEQ ID NO: 2:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 19 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: DNA (genomic)
/ HYPOTHETICAL: NO
/ US-08-118-441-2
```

Query Match 1.8%; Score 18.2; DB 1; Length 19;  
Best Local Similarity 89.5%; Pred. No. 1.8e+02;  
Matches 17; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 645 CAGCTGAGTGCAGTGC 663  
|||||  
DB 19 CAGCTGAGTGCAGTGC 1

RESULT 166  
US-08-422-699A-13  
; Sequence 13, Application US/08422699A  
; Patent No. 5955265  
; GENERAL INFORMATION:  
; APPLICANT: Brook, J. David  
; APPLICANT: Housman, David E.  
; APPLICANT: Shaw, Duncan J.  
; APPLICANT: Harley, Helen G.  
; APPLICANT: Johnson, Keith J.  
; TITLE OF INVENTION: DNA SEQUENCE ENCODING THE MYOTONIC  
; TITLE OF INVENTION: DYSTROPHY GENE AND USES THEREOF  
; NUMBER OF SEQUENCES: 14  
; CORRESPONDENCE ADDRESSES:  
; ADDRESSEE: Hamilton, Brook, Smith & Reynolds, P.C.  
; STREET: Two Militia Drive  
; CITY: Lexington  
; STATE: Massachusetts  
; COUNTRY: US  
; ZIP: 02713  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/422,699A  
; FILING DATE:  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/422,706  
; FILING DATE:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/023,612  
; FILING DATE: 26-FEB-1993  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 07/839,255  
; FILING DATE: 20-FEB-1992  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: PCT/US93/01545  
; FILING DATE: 19-FEB-1993  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: PCT/GB93/00253  
; FILING DATE: 05-FEB-1993  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: GB9202485.0  
; FILING DATE: 06-FEB-1992  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Granahan, Patricia  
; REGISTRATION NUMBER: 32,227  
; REFERENCE/DOCKET NUMBER: MIT-5830A2  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 617-861-9540  
; TELEFAX: 617-861-9540  
; INFORMATION FOR SEQ ID NO: 13:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 19 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA (genomic)  
US-08-422-699A-13

Query Match 1.8%; Score 18.2; DB 1; Length 19;

Best Local Similarity 89.5%; Pred. No. 1.8e+02;  
Matches 17; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 868 GGATTACAGGCGTAGCCCA 886  
|||||  
DB 1 GGATTACAGGCGTAGCCCA 19

RESULT 167  
US-08-422-699A-14/c  
; Sequence 14, Application US/08422699A  
; Patent No. 5955265  
; GENERAL INFORMATION:  
; APPLICANT: Brook, J. David  
; APPLICANT: Housman, David E.  
; APPLICANT: Shaw, Duncan J.  
; APPLICANT: Harley, Helen G.  
; APPLICANT: Johnson, Keith J.  
; TITLE OF INVENTION: DNA SEQUENCE ENCODING THE MYOTONIC  
; TITLE OF INVENTION: DYSTROPHY GENE AND USES THEREOF  
; NUMBER OF SEQUENCES: 14  
; CORRESPONDENCE ADDRESSES:  
; ADDRESSEE: Hamilton, Brook, Smith & Reynolds, P.C.  
; STREET: Two Militia Drive  
; CITY: Lexington  
; STATE: Massachusetts  
; COUNTRY: US  
; ZIP: 02713  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/422,699A  
; FILING DATE:  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/422,706  
; FILING DATE:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/023,612  
; FILING DATE: 26-FEB-1993  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 07/839,255  
; FILING DATE: 20-FEB-1992  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: PCT/US93/01545  
; FILING DATE: 19-FEB-1993  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: PCT/GB93/00253  
; FILING DATE: 05-FEB-1993  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: GB9202485.0  
; FILING DATE: 06-FEB-1992  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Granahan, Patricia  
; REGISTRATION NUMBER: 32,227  
; REFERENCE/DOCKET NUMBER: MIT-5830A2  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 617-861-9540  
; TELEFAX: 617-861-6240  
; INFORMATION FOR SEQ ID NO: 14:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 19 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA (genomic)  
US-08-422-699A-14

Query Match 1.8%; Score 18.2; DB 1; Length 19;  
Best Local Similarity 89.5%; Pred. No. 1.8e+02;

Matches 17; Conservative 2; Mismatches 0; Indels 0; Gaps 0;  
QY 645 CAGGCTGAGTGCAGTGGC 663  
Db 19 CAGGCTGAGTGCAGTGGY 1

RESULT 168  
US-08-422-706B-13  
Sequence 13, Application US/08422706B  
Patent No. 597733  
GENERAL INFORMATION:  
APPLICANT: Brook, J. David  
APPLICANT: Housman, David E.  
APPLICANT: Shaw, Duncan J.  
APPLICANT: Harley, Helen G.  
APPLICANT: Johnson, Keith J.  
TITLE OF INVENTION: DNA SEQUENCE ENCODING THE MYOTONIC  
TITLE OF INVENTION: DYSTROPHY GENE AND USES THEREOF  
NUMBER OF SEQUENCES: 14  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Hamilton, Brook, Smith & Reynolds, P.C.  
STREET: Two Militia Drive  
CITY: Lexington  
STATE: Massachusetts  
COUNTRY: US  
ZIP: 02713  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/422,706B  
FILING DATE: 14-APR-1995  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/284,543  
FILING DATE: 08-AUG-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/023,612  
FILING DATE: 26-FEB-1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/839,255  
FILING DATE: 20-FEB-1992  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: PCT/US93/01545  
FILING DATE: 19-FEB-1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: PCT/GB93/00253  
FILING DATE: 05-FEB-1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: GB9202485.0  
FILING DATE: 06-FEB-1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Granahan, Patricia  
REGISTRATION NUMBER: 32,227  
REFERENCE/DOCKET NUMBER: MIT-5830A2  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 617-861-6240  
TELEFAX: 617-861-9540  
INFORMATION FOR SEQ ID NO: 13:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
US-08-422-706B-13

Query Match 1.8%; Score 18.2; DB 1; Length 19;  
Best Local Similarity 89.5%; Pred. No. 1.8e+02;  
Matches 17; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 868 GGATTACAGCGCTGAGCCA 886  
Db 1 GGATTACAGGYRTGAGCCA 19

RESULT 169  
US-08-422-706B-14/C  
Sequence 14, Application US/08422706B  
Patent No. 597733  
GENERAL INFORMATION:  
APPLICANT: Brook, J. David  
APPLICANT: Housman, David E.  
APPLICANT: Shaw, Duncan J.  
APPLICANT: Harley, Helen G.  
APPLICANT: Johnson, Keith J.  
TITLE OF INVENTION: DNA SEQUENCE ENCODING THE MYOTONIC  
TITLE OF INVENTION: DYSTROPHY GENE AND USES THEREOF  
NUMBER OF SEQUENCES: 14  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Hamilton, Brook, Smith & Reynolds, P.C.  
STREET: Two Militia Drive  
CITY: Lexington  
STATE: Massachusetts  
COUNTRY: US  
ZIP: 02713  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/422,706B  
FILING DATE: 14-APR-1995  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/284,543  
FILING DATE: 08-AUG-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/023,612  
FILING DATE: 26-FEB-1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/839,255  
FILING DATE: 20-FEB-1992  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: PCT/US93/01545  
FILING DATE: 19-FEB-1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: PCT/GB93/00253  
FILING DATE: 05-FEB-1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: GB9202485.0  
FILING DATE: 06-FEB-1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Granahan, Patricia  
REGISTRATION NUMBER: 32,227  
REFERENCE/DOCKET NUMBER: MIT-5830A2  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 617-861-6240  
TELEFAX: 617-861-9540  
INFORMATION FOR SEQ ID NO: 14:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
US-08-422-706B-14

Query Match 1.8%; Score 18.2; DB 1; Length 19;  
Best Local Similarity 89.5%; Pred. No. 1.8e+02;  
Matches 17; Conservative 2; Mismatches 0; Indels 0; Gaps 0;



OY 645 CAGCTGAGTGCAGTGGC 663  
DB 19 CAGCTGAGTGCAGTGGY 1

RESULT 170  
US-08-338-579A-1  
Sequence 1, Application US/08338579A  
Patent No. 6068975  
GENERAL INFORMATION:  
APPLICANT: Gilliam, T. Conrad  
APPLICANT: Tanzi, Rudolph E.  
TITLE OF INVENTION: ISOLATION AND USES OF A WILSON'S  
NUMBER OF SEQUENCES: 107  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Cooper & Dunham  
STREET: 1185 Avenue of the Americas  
CITY: New York  
STATE: New York  
COUNTRY: United States of America  
ZIP: 10036  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/338,579A  
FILING DATE: June 17, 1996  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: White, John P.  
REGISTRATION NUMBER: 28,678  
REFERENCE/DOCKET NUMBER: 0575/44011-A-PCT-US  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (212) 278-0400  
TELEFAX: (212) 391-0525  
TELEX:  
INFORMATION FOR SEQ ID NO: 1:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
HYPOTHETICAL: NO  
US-08-338-579A-1

Query Match 1.8%; Score 18.2; DB 1; Length 19;  
Best Local Similarity 89.5%; Pred. No. 1.8e+02;  
Matches 17; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

OY 868 GGATTACAGGCGTAGCCA 886  
DB 1 GGATTACAGGYRTGAGCCA 19

RESULT 171  
US-08-338-579A-2/c  
Sequence 2, Application US/08338579A  
Patent No. 6068975  
GENERAL INFORMATION:  
APPLICANT: Gilliam, T. Conrad  
APPLICANT: Tanzi, Rudolph E.  
TITLE OF INVENTION: ISOLATION AND USES OF A WILSON'S  
NUMBER OF SEQUENCES: 107  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Cooper & Dunham  
STREET: 1185 Avenue of the Americas  
CITY: New York  
STATE: New York

COUNTRY: United States of America  
ZIP: 10036  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/338,579A  
FILING DATE: June 17, 1996  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: White, John P.  
REGISTRATION NUMBER: 28,678  
REFERENCE/DOCKET NUMBER: 0575/44011-A-PCT-US  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (212) 278-0400  
TELEFAX: (212) 391-0525  
TELEX:  
INFORMATION FOR SEQ ID NO: 2:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
HYPOTHETICAL: NO  
US-08-338-579A-2

Query Match 1.8%; Score 18.2; DB 1; Length 19;  
Best Local Similarity 89.5%; Pred. No. 1.8e+02;  
Matches 17; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

OY 645 CAGCTGAGTGCAGTGGC 663  
DB 19 CAGCTGAGTGCAGTGGY 1

RESULT 172  
US-09-078-294-1  
Sequence 1, Application US/09078294  
Patent No. 6265211  
GENERAL INFORMATION:  
APPLICANT: Choo, Kong-Hong Andy  
APPLICANT: Du Sart, Desiree  
APPLICANT: Cancilla, Michael R.  
TITLE OF INVENTION: A NOVEL NUCLEIC ACID MOLECULE  
FILE REFERENCE: Davies Col  
CURRENT APPLICATION NUMBER: US/09/078,294  
CURRENT FILING DATE: 1998-05-13  
NUMBER OF SEQ ID NOS: 29  
SOFTWARE: Patentin Ver. 2.0  
SEQ ID NO 1  
LENGTH: 19  
TYPE: DNA  
ORGANISM: DNA primer  
US-09-078-294-1

Query Match 1.8%; Score 18.2; DB 1; Length 19;  
Best Local Similarity 89.5%; Pred. No. 1.8e+02;  
Matches 17; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

OY 868 GGATTACAGGCGTAGCCA 886  
DB 1 GGATTACAGGYRTGAGCCA 19

RESULT 173  
PCT-US94-09851-1  
Sequence 1, Application PC/TUS9409851  
GENERAL INFORMATION:  
APPLICANT: Gilliam, T. Conrad  
APPLICANT: Tanzi, Rudolph E.

TITLE OF INVENTION: ISOLATION AND USES OF A WILSON'S  
NUMBER OF INVENTION: DISEASE GENE  
NUMBER OF SEQUENCES: 92  
CORRESPONDENCE ADDRESS:  
ADDRESSER: Cooper & Dunham  
STREET: 30 Rockefeller Plaza  
CITY: New York  
STATE: New York  
COUNTRY: United States of America  
ZIP: 10112  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: PCT/US94/09851  
FILING DATE:  
CLASSIFICATION:  
ATTORNEY/AGENT INFORMATION:  
NAME: White, John P.  
REGISTRATION NUMBER: 28,678  
REFERENCE/DOCKET NUMBER: 0575/44011-PCT  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (212) 977-9550  
TELEFAX: (212) 664-0525  
TELEX: 422523 COOP UI  
INFORMATION FOR SEQ ID NO: 1:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
HYPOTHEICAL: NO  
PCT-US94-09851-1

Query Match 1.8%; Score 18.2; DB 1; Length 19;  
Best Local Similarity 89.5%; Pred. No. 1.8e+02;  
Matches 17; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 868 GGATTACAGCGGTGACCA 886  
DB 1 GGATTACAGGYRAGACCA 19

RESULT 174  
PCT-US94-09851-2/c  
Sequence 2, Application PC/TUS9409851  
GENERAL INFORMATION:  
APPLICANT: Gilliam, T. Conrad  
APPLICANT: Tanzi, Rudolph E.  
TITLE OF INVENTION: ISOLATION AND USES OF A WILSON'S  
NUMBER OF SEQUENCES: 92  
CORRESPONDENCE ADDRESS:  
ADDRESSER: Cooper & Dunham  
STREET: 30 Rockefeller Plaza  
CITY: New York  
STATE: New York  
COUNTRY: United States of America  
ZIP: 10112  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: PCT/US94/09851  
FILING DATE:  
CLASSIFICATION:  
ATTORNEY/AGENT INFORMATION:  
NAME: White, John P.

REGISTRATION NUMBER: 28,678  
REFERENCE/DOCKET NUMBER: 0575/44011-PCT  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (212) 977-9550  
TELEFAX: (212) 664-0525  
TELEX: 422523 COOP UI  
INFORMATION FOR SEQ ID NO: 2:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
HYPOTHEICAL: NO  
PCT-US94-09851-2

Query Match 1.8%; Score 18.2; DB 1; Length 19;  
Best Local Similarity 89.5%; Pred. No. 1.8e+02;  
Matches 17; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 645 CAGCGTGAAGTCACTGAC 663  
DB 19 CAGCGTGAAGTCACTGAC 1

RESULT 175  
US-09-156-253-30/c  
Sequence 30, Application US/09156253C  
Patent No. 6001652  
GENERAL INFORMATION:  
APPLICANT: Monia, Brett P.  
APPLICANT: Baker, Brenda F.  
APPLICANT: Cowsett, Lex M.  
TITLE OF INVENTION: Antisense Modulation of CREL Expression  
FILE REFERENCE: RTS-0010  
CURRENT APPLICATION NUMBER: US/09/156,253C  
CURRENT FILING DATE: 1998-09-18  
NUMBER OF SEQ ID NOS: 48  
SOFTWARE: Patentin Ver. 2.0  
SEQ ID NO 30  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
US-09-156-253-30

Query Match 1.8%; Score 18; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 1.7e+02;  
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 388 CAAAGTGTGGGATTACA 405  
DB 18 CAAAGTGTGGGATTACA 1

RESULT 176  
US-08-859-167-7  
Sequence 7, Application US/08859167  
Patent No. 6037461  
GENERAL INFORMATION:  
APPLICANT: Alnemri, Emad S.  
APPLICANT: Fernandez-Alnemri, Teresa  
TITLE OF INVENTION: FADD-LIKE ANTI-APOPTOTIC MOLECULES, METHODS OF  
TITLE OF INVENTION: USING THE SAME, AND COMPOSITIONS FOR AND METHODS  
NUMBER OF SEQUENCES: 17  
CORRESPONDENCE ADDRESS:  
ADDRESSER: Woodcock, Mashburn, Kurtz, Mackiewicz & No. 6037461r1s  
STREET: One Liberty Place, 46th floor  
CITY: Philadelphia  
STATE: PA  
COUNTRY: USA

ZIP: 19103  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: WINDOWS  
SOFTWARE: WordPerfect  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/859,167  
FILING DATE:  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Deluca, Mark  
REGISTRATION NUMBER: 33,229  
REFERENCE/DOCKET NUMBER: TJU-  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (215) 568-3100  
TELEFAX: (215) 568-3439  
INFORMATION FOR SEQ ID NO: 7:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
US-08-859-167-7

Query Match 1.8%; Score 18; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 1.7e+02;  
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 208 AGGCTGCTCGAAGTCTCC 225  
Db 1 AGGCTGCTCGAAGTCTCC 18

RESULT 177  
US-08-859-167-9  
Sequence 9, Application US/08859167  
Patent No. 6037461  
GENERAL INFORMATION:  
APPLICANT: Alnemri, Emed S.  
APPLICANT: Fernandez-Alnemri, Teresa  
TITLE OF INVENTION: FADD-LIKE ANTI-APOPTOTIC MOLECULES, METHODS OF  
TITLE OF INVENTION: USING THE SAME, AND COMPOSITIONS FOR AND METHODS  
TITLE OF INVENTION: OF MAKING THE SAME  
NUMBER OF SEQUENCES: 17  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Woodcock, Washburn, Kurtz, Mackiewicz & No. 6037461r1s  
STREET: One Liberty Place, 46th floor  
CITY: Philadelphia  
STATE: PA  
COUNTRY: USA  
ZIP: 19103  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: WINDOWS  
SOFTWARE: WordPerfect  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/859,167  
FILING DATE:  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Deluca, Mark  
REGISTRATION NUMBER: 33,229  
REFERENCE/DOCKET NUMBER: TJU-  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (215) 568-3100  
TELEFAX: (215) 568-3439  
INFORMATION FOR SEQ ID NO: 9:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid

STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
US-08-859-167-9

Query Match 1.8%; Score 18; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 1.7e+02;  
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 851 GGGCTCCCAAGTCTGG 868  
Db 1 GGGCTCCCAAGTCTGG 18

RESULT 178  
US-09-109-273-7  
Sequence 7, Application US/09109273  
Patent No. 6063760  
GENERAL INFORMATION:  
APPLICANT: Alnemri, Emed S.  
APPLICANT: Fernandez-Alnemri, Teresa  
TITLE OF INVENTION: FADD-LIKE ANTI-APOPTOTIC MOLECULES, METHODS OF  
TITLE OF INVENTION: USING THE SAME, AND COMPOSITIONS FOR AND METHODS  
TITLE OF INVENTION: OF MAKING THE SAME  
NUMBER OF SEQUENCES: 17  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Woodcock, Washburn, Kurtz, Mackiewicz & No. 6063760r1s  
STREET: One Liberty Place, 46th floor  
CITY: Philadelphia  
STATE: PA  
COUNTRY: USA  
ZIP: 19103  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: WINDOWS  
SOFTWARE: WordPerfect  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/109,273  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/859,167  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Deluca, Mark  
REGISTRATION NUMBER: 33,229  
REFERENCE/DOCKET NUMBER: TJU-  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (215) 568-3100  
TELEFAX: (215) 568-3439  
INFORMATION FOR SEQ ID NO: 7:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
US-09-109-273-7

Query Match 1.8%; Score 18; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 1.7e+02;  
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 208 AGGCTGCTCGAAGTCTCC 225  
Db 1 AGGCTGCTCGAAGTCTCC 18

RESULT 179  
US-09-109-273-9  
Sequence 9, Application US/09109273  
Patent No. 6063760

GENERAL INFORMATION:  
APPLICANT: Alnemri, Emad S.  
TITLE OF INVENTION: FADD-LIKE ANTI-APOPTOTIC MOLECULES, METHODS OF  
TITLE OF INVENTION: USING THE SAME, AND COMPOSITIONS FOR AND METHODS  
TITLE OF INVENTION: OF MAKING THE SAME  
NUMBER OF SEQUENCES: 17  
CORRESPONDENCE ADDRESS:  
ADDRESSER: Woodcock, Washburn, Kurtz, Mackiewicz & No. 6063760r1s  
STREET: One Liberty Place, 46th floor  
CITY: Philadelphia  
STATE: PA  
COUNTRY: USA  
ZIP: 19103  
COMPUTER READABLE FORM:  
MEDIUM TYPE: floppy disk  
OPERATING SYSTEM: WINDOWS  
SOFTWARE: WordPerfect  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/109,273  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/859,167  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Deluca, Mark  
REGISTRATION NUMBER: 33,229  
REFERENCE/DOCKET NUMBER: TJU-  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (215) 568-3100  
TELEFAX: (215) 568-3439  
INFORMATION FOR SEQ ID NO: 9:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
US-09-109-273-9

Query Match 1.8%; Score 18; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 1.7e+02;  
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 851 GGCCTCCCAAGCTGG 868  
DB 1 GGCCTCCCAAGCTGG 18

RESULT 180  
US-09-276-993-7  
Sequence 7, Application US/09276993  
Patent No. 6207801  
GENERAL INFORMATION:  
APPLICANT: Alnemri, Emad S.  
TITLE OF INVENTION: FADD-LIKE ANTI-APOPTOTIC MOLECULES, METHODS OF  
TITLE OF INVENTION: USING THE SAME, AND COMPOSITIONS FOR AND METHODS  
TITLE OF INVENTION: OF MAKING THE SAME  
NUMBER OF SEQUENCES: 17  
CORRESPONDENCE ADDRESS:  
ADDRESSER: Woodcock, Washburn, Kurtz, Mackiewicz & No. 6207801r1s  
STREET: One Liberty Place, 46th floor  
CITY: Philadelphia  
STATE: PA  
COUNTRY: USA  
ZIP: 19103  
COMPUTER READABLE FORM:  
MEDIUM TYPE: floppy disk  
OPERATING SYSTEM: WINDOWS  
SOFTWARE: WordPerfect  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/276,993  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/859,167  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Deluca, Mark  
REGISTRATION NUMBER: 33,229  
REFERENCE/DOCKET NUMBER: TJU-  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (215) 568-3100  
TELEFAX: (215) 568-3439  
INFORMATION FOR SEQ ID NO: 9:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs

SOFTWARE: WordPerfect  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/276,993  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/859,167  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Deluca, Mark  
REGISTRATION NUMBER: 33,229  
REFERENCE/DOCKET NUMBER: TJU-  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (215) 568-3100  
TELEFAX: (215) 568-3439  
INFORMATION FOR SEQ ID NO: 7:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
US-09-276-993-7

Query Match 1.8%; Score 18; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 1.7e+02;  
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 208 AGCTGCTCGACTCC 225  
DB 1 AGCTGCTCGACTCC 18

RESULT 181  
US-09-276-993-9  
Sequence 9, Application US/09276993  
Patent No. 6207801  
GENERAL INFORMATION:  
APPLICANT: Alnemri, Emad S.  
TITLE OF INVENTION: FADD-LIKE ANTI-APOPTOTIC MOLECULES, METHODS OF  
TITLE OF INVENTION: USING THE SAME, AND COMPOSITIONS FOR AND METHODS  
TITLE OF INVENTION: OF MAKING THE SAME  
NUMBER OF SEQUENCES: 17  
CORRESPONDENCE ADDRESS:  
ADDRESSER: Woodcock, Washburn, Kurtz, Mackiewicz & No. 6207801r1s  
STREET: One Liberty Place, 46th floor  
CITY: Philadelphia  
STATE: PA  
COUNTRY: USA  
ZIP: 19103  
COMPUTER READABLE FORM:  
MEDIUM TYPE: floppy disk  
OPERATING SYSTEM: WINDOWS  
SOFTWARE: WordPerfect  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/276,993  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/859,167  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Deluca, Mark  
REGISTRATION NUMBER: 33,229  
REFERENCE/DOCKET NUMBER: TJU-  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (215) 568-3100  
TELEFAX: (215) 568-3439  
INFORMATION FOR SEQ ID NO: 9:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs

```

;
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
US-09-276-993-9

Query Match
Best Local Similarity 100.0%; DB 1; Length 18;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 851 GGCCTCCCAAGTCTCG 868
Db 1 GGCCTCCCAAGTCTCG 18

RESULT 182
US-09-723-450-7
; Sequence 7, Application US/09723450
; Patent No. 6576751
; GENERAL INFORMATION:
; APPLICANT: Alnemri, Emdad S.
; TITLE OF INVENTION: Fadd-Like Anti-Apoptotic Molecules, Methods Of Using The Same, At
; FILE REFERENCE: TJU2445
; CURRENT APPLICATION NUMBER: US/09/723,450
; PRIOR FILING DATE: 2000-11-28
; PRIOR APPLICATION NUMBER: 09/276,993
; PRIOR FILING DATE: 1999-03-26
; PRIOR APPLICATION NUMBER: 08/859,167
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 7
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; OTHER INFORMATION: No. 6576751el Sequence
US-09-723-450-7

Query Match
Best Local Similarity 100.0%; DB 1; Length 18;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 208 AGCGTGTCTGGAAGTCC 225
Db 1 AGCGTGTCTGGAAGTCC 18

RESULT 183
US-09-723-450-9
; Sequence 9, Application US/09723450
; Patent No. 6576751
; GENERAL INFORMATION:
; APPLICANT: Alnemri, Emdad S.
; TITLE OF INVENTION: Fadd-Like Anti-Apoptotic Molecules, Methods Of Using The Same, At
; FILE REFERENCE: TJU2445
; CURRENT APPLICATION NUMBER: US/09/723,450
; PRIOR FILING DATE: 2000-11-28
; PRIOR APPLICATION NUMBER: 09/276,993
; PRIOR FILING DATE: 1999-03-26
; PRIOR APPLICATION NUMBER: 08/859,167
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 9
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
```

```

; OTHER INFORMATION: No. 6576751el Sequence
US-09-723-450-9

Query Match
Best Local Similarity 100.0%; DB 1; Length 18;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 851 GGCCTCCCAAGTCTCG 868
Db 1 GGCCTCCCAAGTCTCG 18

RESULT 184
US-09-467-642-64/c
; Sequence 64, Application US/09467642
; Patent No. 6300132
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF TELOMERIC REPEAT BINDING FACTOR 2 EXPRE
; FILE REFERENCE: RTS-0106
; CURRENT APPLICATION NUMBER: US/09/467,642
; PRIOR FILING DATE: 1999-12-20
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 64
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-467-642-64

Query Match
Best Local Similarity 100.0%; DB 1; Length 20;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 647 GGCTGAGTGCATGCGG 664
Db 20 GGCTGAGTGCATGCGG 3

RESULT 185
US-10-172-911-80
; Sequence 80, Application US/10172911
; Patent No. 6743909
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF PTPN12 EXPRESSION
; FILE REFERENCE: PTS-0016
; CURRENT APPLICATION NUMBER: US/10/172,911
; PRIOR FILING DATE: 2002-06-17
; NUMBER OF SEQ ID NOS: 123
; SEQ ID NO 80
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-172-911-80

Query Match
Best Local Similarity 100.0%; DB 1; Length 20;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 643 CCCAGGCTGAGTCACT 660
Db 3 CCCAGGCTGAGTCACT 20

RESULT 186
US-09-009-913-61/c
; Sequence 61, Application US/09009913
```

Patent No. 6087485  
GENERAL INFORMATION:  
APPLICANT: Axy's Pharmaceuticals, Inc.  
TITLE OF INVENTION: Asthma Related Genes  
NUMBER OF SEQUENCES: 339  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Bozicevic & Reed, LLP  
STREET: 285 Hamilton Ave, Suite 200  
CITY: Palo Alto  
STATE: CA  
COUNTRY: USA  
ZIP: 94301  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FastSeq for Windows Version 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/009,913  
FILING DATE: 21-JAN-1998  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER:  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Sherwood, Pamela J  
REGISTRATION NUMBER: 36,677  
REFERENCE/DOCKET NUMBER: SEQ-4P  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 650-327-3231  
TELEFAX: 650-327-3231  
TELEX:  
INFORMATION FOR SEQ ID NO: 61:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 21 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-09-009-913-61

Query Match 1.8%; Score 18; DB 1; Length 21;  
Best Local Similarity 90.0%; Pred. No. 2.1e+02;  
Matches 18; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 187 TGGAGTTCTCCATGTTGCT 206  
DB 21 TGGGTTTCTCATGTTGCT 2

RESULT 187  
US-09-357-740-7  
Sequence 7, Application US/09357740  
Patent No. 6348596  
GENERAL INFORMATION:  
APPLICANT: Lee, Linda G.  
APPLICANT: Graham, Ronald J.  
APPLICANT: Mullah, Khairuzzaman B.  
APPLICANT: Haxo, Francis T.  
TITLE OF INVENTION: ASYMMETRIC CYANINE DYE QUENCHERS  
FILE REFERENCE: 9584-007  
CURRENT APPLICATION NUMBER: US/09/357,740  
CURRENT FILING DATE: 1999-07-20  
EARLIER APPLICATION NUMBER: 09/012,525  
EARLIER FILING DATE: 1998-01-23  
NUMBER OF SEQ ID NOS: 22  
SOFTWARE: PatentIn Ver. 2.0  
SEQ ID NO 7  
LENGTH: 21  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Probe  
US-09-357-740-7

Query Match 1.8%; Score 18; DB 1; Length 21;  
Best Local Similarity 100.0%; Pred. No. 2.1e+02;  
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 369 TCCACCTGCTCAGCTC 386  
DB 4 TCCACTGCTCAGCTC 21

RESULT 188  
US-09-097-199-87  
Sequence 87, Application US/09097199  
Patent No. 6218529  
GENERAL INFORMATION:  
APPLICANT: An, Gang  
APPLICANT: O'Hara, S. Mark  
APPLICANT: Ralph, David  
APPLICANT: Veltl, Robert  
TITLE OF INVENTION: BIOMARKERS AND TARGETS FOR DIAGNOSIS,  
NUMBER OF SEQUENCES: 87  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Arnold, White & Durkee  
STREET: P.O. Box 4433  
CITY: Houston  
STATE: Texas  
COUNTRY: USA  
ZIP: 77210  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/097,199  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/692,787  
FILING DATE: 31-JUL-1996  
ATTORNEY/AGENT INFORMATION:  
NAME: Nakashima, Richard A.  
REGISTRATION NUMBER: P-42,023  
REFERENCE/DOCKET NUMBER: UROC:018  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (512) 418-3000  
TELEFAX: (512) 474-7577  
INFORMATION FOR SEQ ID NO: 87:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 22 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-09-097-199-87

Query Match 1.8%; Score 18; DB 1; Length 22;  
Best Local Similarity 100.0%; Pred. No. 2.2e+02;  
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 383 CCTCCAAAGTCTGGGA 400  
DB 5 CCTCCAAAGTCTGGGA 22

RESULT 189  
US-09-918-686-93  
Sequence 93, Application US/09918686  
Patent No. 6475739  
GENERAL INFORMATION:  
APPLICANT: Brunkow, Mary  
APPLICANT: Prohl, Sean  
APPLICANT: Paepfer, Bryan

APPLICANT: Staehling-Hampton, Karen  
TITLE OF INVENTION: METHODS FOR IDENTIFYING  
TITLE OF INVENTION: GENOMIC DELETIONS  
FILE REFERENCE: 240083.515  
CURRENT APPLICATION NUMBER: US/09/918,686  
CURRENT FILING DATE: 2001-07-30  
NUMBER OF SEQ ID NOS: 105  
SOFTWARE: FastSeq for Windows Version 4.0  
SEQ ID NO 93  
LENGTH: 22  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: PCR primer  
US-09-918-686-93

Query Match 1.8%; Score 18; DB 1; Length 22;  
Best Local Similarity 100.0%; Pred. No. 2.2e+02;  
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 945 CAGGCTGAGTGCATG 962  
DB 1 CAGGCTGAGTGCATG 18

RESULT 190  
US-08-203-198-26/c  
Sequence 26, Application US/08203198  
Patent No. 5512462  
GENERAL INFORMATION:  
APPLICANT: Cheng, Suzanne  
TITLE OF INVENTION: Methods and Reagents for the Polymerase  
TITLE OF INVENTION: Chain Reaction Amplification of long DNA Sequences  
NUMBER OF SEQUENCES: 32  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Hoffmann-La Roche Inc.  
STREET: 340 Kingsland Street  
CITY: Nutley  
STATE: NJ  
COUNTRY: U.S.A.  
ZIP: 07110  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/203,198  
FILING DATE:  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Petry Ph.D., Douglas A.  
REGISTRATION NUMBER: 35,321  
REFERENCE/DOCKET NUMBER: 8894  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (510) 814-2974  
FAX: (510) 814-2977  
INFORMATION FOR SEQ ID NO: 26:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 21 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
US-08-203-198-26

Query Match 1.8%; Score 17.8; DB 1; Length 21;  
Best Local Similarity 90.5%; Pred. No. 2.2e+02;  
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 725 CCTGAGTGTGCTGAGCTACG 745  
DB 21 CCTGATGCTGCTGAGCTGACG 1

RESULT 191  
US-08-632-575B-21/c  
Sequence 21, Application US/08632575B  
Patent No. 5843660  
GENERAL INFORMATION:  
APPLICANT: Schumm, James W.  
TITLE OF INVENTION: Multiplex Amplification of  
TITLE OF INVENTION: Short Tandem Repeat Loci  
NUMBER OF SEQUENCES: 61  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Promega Corporation  
STREET: 2800 Woods Hollow Road  
CITY: Madison  
STATE: Wisconsin  
COUNTRY: U.S.A.  
ZIP: 53711-5399  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette - 3.5 inch, 1.44 MB  
COMPUTER: IBM compatible PC  
OPERATING SYSTEM: DOS, version 6.0  
SOFTWARE: WordPerfect 5.1 (DOS text format)  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/632,575B  
FILING DATE: 04/15/96  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/316,544  
FILING DATE: 09/30/94  
INFORMATION FOR SEQ ID NO: 21:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 21  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
POSITION IN GENOME:  
MAP POSITION: D14S548  
US-08-632-575B-21

Query Match 1.8%; Score 17.8; DB 1; Length 21;  
Best Local Similarity 90.5%; Pred. No. 2.2e+02;  
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 928 AATCTCACTCTGTACCCAG 948  
DB 21 AGTCTCACTCTGTGCCAG 1

RESULT 192  
US-08-933-358-15/c  
Sequence 15, Application US/08933358  
Patent No. 6013444  
GENERAL INFORMATION:  
APPLICANT: Dau, Peter C.  
TITLE OF INVENTION: DNA BRACKETING LOCUS COMPATIBLE STANDARDS FOR  
TITLE OF INVENTION: ELECTROPHORESIS  
FILE REFERENCE: 434001aa  
CURRENT APPLICATION NUMBER: US/08/933,358  
CURRENT FILING DATE: 1997-09-18  
NUMBER OF SEQ ID NOS: 28  
SOFTWARE: PatentIn Ver. 2.0  
SEQ ID NO 15  
LENGTH: 21  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: PRIMER SEQUENCE  
US-08-933-358-15

Query Match 1.8%; Score 17.8; DB 1; Length 21;  
Best Local Similarity 90.5%; Pred. No. 2.2e+02;

Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 382 GCCTCCCAAGTGTGGATT 402  
|||  
Db 21 GCTTCCCAAGTGTGGATT 1

RESULT 193  
US-08-781-891-7/c  
; Sequence 7, Application US/08781891  
; Patent No. 6090620  
; GENERAL INFORMATION:  
; APPLICANT: Fu, Ying-Hui  
; APPLICANT: Yu, Chang-En  
; APPLICANT: Oshima, Junko  
; APPLICANT: Mulligan, John T.  
; APPLICANT: Schellenberg, Gerald D.  
; TITLE OF INVENTION: GENE AND GENE PRODUCTS RELATED TO  
; NUMBER OF SEQUENCES: 209  
; CORRESPONDENCE ADDRESS:  
; ADDRESSER: SEED AND BERRY LLP  
; STREET: 6300 Columbia Center, 701 Fifth Avenue  
; CITY: Seattle  
; STATE: Washington  
; COUNTRY: USA  
; ZIP: 98104-7092  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patentin Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/781,891  
; FILING DATE: 27-DEC-1996  
; CLASSIFICATION: 800  
; ATTORNEY/AGENT INFORMATION:  
; NAME: No. 6090620Cenbury Ph.D., Carol  
; REGISTRATION NUMBER: 39,317  
; REFERENCE/DOCKET NUMBER: 240052.419  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (206) 622-8900  
; TELEFAX: (206) 682-6031  
; INFORMATION FOR SEQ ID NO: 7:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 21 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
US-08-781-891-7

Query Match 1.8%; Score 17.8; DB 1; Length 21;  
Best Local Similarity 90.5%; Pred. No. 2.2e+02;  
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 482 GCAGTGTGTGATCAGCTC 502  
|||  
Db 21 GCAGTGTGTGATCAGCTC 1

RESULT 194  
US-08-847-844A-116/c  
; Sequence 116, Application US/08847844A  
; Patent No. 6150160  
; GENERAL INFORMATION:  
; APPLICANT: KAZAZIAN JR., HAIG H.  
; APPLICANT: BOBEK, JEFF D.  
; APPLICANT: MORAN, JOHN V.  
; APPLICANT: DOMBROSKI, BETH A.  
; TITLE OF INVENTION: COMPOSITIONS AND METHODS OF USE OF  
; MAMMALIAN RETROTRANSPOSONS  
; NUMBER OF SEQUENCES: 137  
; CORRESPONDENCE ADDRESS:

ADDRESSER: PANITCH SCHWARZE JACOBS & NADEL, P.C.  
STREET: ONE COMMERCE SQUARE, 2005 MARKET STREET, 22ND FL.  
CITY: PHILADELPHIA  
STATE: PA  
COUNTRY: U.S.A.  
ZIP: 19103-7086  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patentin Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/847,844A  
; FILING DATE: 28-APR-1997  
; CLASSIFICATION: 800  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/749,805  
; FILING DATE: 16-NOV-1996  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 60/006,831  
; FILING DATE: 16-NOV-1995  
; ATTORNEY/AGENT INFORMATION:  
; NAME: DOYLE LEARY Ph.D., KATHRYN  
; REGISTRATION NUMBER: 36,317  
; REFERENCE/DOCKET NUMBER: 9596-2302  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 215-567-2020  
; TELEFAX: 215-567-2991  
; INFORMATION FOR SEQ ID NO: 116:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 21 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: double  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA (genomic)  
US-08-847-844A-116

Query Match 1.8%; Score 17.8; DB 1; Length 21;  
Best Local Similarity 90.5%; Pred. No. 2.2e+02;  
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 483 CAGTGTGTGATCAGCTCA 503  
|||  
Db 21 CAGTGTGTGATCAGCTCA 1

RESULT 195  
US-08-649-950-67  
; Sequence 67, Application US/08649950  
; Patent No. 6403303  
; GENERAL INFORMATION:  
; APPLICANT: Shipman, Robert  
; APPLICANT: Leusner, James  
; APPLICANT: Dunn, James M.  
; TITLE OF INVENTION: METHOD AND REAGENTS FOR TESTING FOR  
; NUMBER OF SEQUENCES: 77  
; CORRESPONDENCE ADDRESS:  
; ADDRESSER: Oppedahl & Larson  
; STREET: 1992 Commerce Street Suite 309  
; CITY: Yorktown  
; STATE: NY  
; COUNTRY: US  
; ZIP: 10598  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Diskette - 3.5 inch, 1.44 MB storage  
; COMPUTER: IBM compatible  
; OPERATING SYSTEM: MS DOS  
; SOFTWARE: Word Perfect  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/649,950  
; FILING DATE:  
; CLASSIFICATION: 435



PRIOR APPLICATION DATA:  
APPLICATION NUMBER:  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Larson, Marina T.  
REGISTRATION NUMBER: 32,038  
REFERENCE/DOCKET NUMBER: VGEN.P-028-US  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (914) 245-3252  
TELEFAX: (914) 962-4330  
TELEX:  
INFORMATION FOR SEQ ID NO: 67:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 21  
TYPE: nucleic acid  
STRANDEDNESS: double  
TOPOLOGY: linear  
MOLECULE TYPE: other nucleic acid  
HYPOTHETICAL: no  
ANTI-SENSE: no  
FRAGMENT TYPE: internal  
ORIGINAL SOURCE:  
ORGANISM: human  
FEATURE:  
OTHER INFORMATION: amplification primer for BRCA1 gene  
US-08-649-950-67

Query Match 1.8%; Score 17.8; DB 1; Length 21;  
Best Local Similarity 90.5%; Pred. No. 2.2e+02;  
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 483 CAGTGTGTGATCAGCAGCTCA 503  
DB 1 CAGTGTGTGATCAGCAGCTCA 21

RESULT 196  
US-09-918-686-87/c  
Sequence 87, Application US/09918686  
Patent No. 6475739  
GENERAL INFORMATION:  
APPLICANT: Brunkow, Mary  
APPLICANT: Proll, Sean  
APPLICANT: Paepfer, Bryan  
APPLICANT: Staehling-Hampton, Karen  
TITLE OF INVENTION: METHODS FOR IDENTIFYING  
FILE REFERENCE: 240083.515  
CURRENT APPLICATION NUMBER: US/09/918,686  
CURRENT FILING DATE: 2001-07-30  
NUMBER OF SEQ ID NOS: 105  
SOFTWARE: FastSeq for Windows Version 4.0  
SEQ ID NO 87  
LENGTH: 21  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: PCR primer  
US-09-918-686-87

Query Match 1.8%; Score 17.8; DB 1; Length 21;  
Best Local Similarity 90.5%; Pred. No. 2.2e+02;  
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 829 GACCTTGATCTGCTGCTCT 849  
DB 21 GACCTTGATCTGCTGCTCT 1

RESULT 197  
US-09-199-542B-21/c  
Sequence 21, Application US/09199542B  
Patent No. 6479235

GENERAL INFORMATION:  
APPLICANT: Schumm, James W.  
APPLICANT: Sprecher, Cynthia J.  
TITLE OF INVENTION: Multiple Tandem Amplification of Short Tandem Repeat Loci  
FILE REFERENCE: 16026/9212  
CURRENT APPLICATION NUMBER: US/09/199,542B  
CURRENT FILING DATE: 1998-11-25  
PRIOR APPLICATION NUMBER: US 08/316,544  
PRIOR FILING DATE: 1994-09-30  
PRIOR APPLICATION NUMBER: US 08/632,575  
PRIOR FILING DATE: 1996-04-15  
NUMBER OF SEQ ID NOS: 110  
SOFTWARE: Word97 (converted to DOS text format)  
SEQ ID NO 21  
LENGTH: 21  
TYPE: DNA  
ORGANISM: Homo sapien  
LOCATION: D14S548  
US-09-199-542B-21

Query Match 1.8%; Score 17.8; DB 1; Length 21;  
Best Local Similarity 90.5%; Pred. No. 2.2e+02;  
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 928 AATCTCACTCTGTACCAGG 948  
DB 21 AATCTCACTCTGTACCAGG 1

RESULT 198  
US-09-618-166-7/c  
Sequence 7, Application US/09618166  
Patent No. 6583112  
GENERAL INFORMATION:  
APPLICANT: Fu, Ying-Hui  
Yu, Chang-Bn  
Oshima, Junko  
Mulligan, John T.  
Schellenberg, Gerald D.  
TITLE OF INVENTION: GENE AND GENE PRODUCTS RELATED TO  
WERNER'S SYNDROME  
NUMBER OF SEQUENCES: 209  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Seed Intellectual Property Law Group  
STREET: 701 Fifth Avenue, Suite 6300  
CITY: Seattle  
STATE: Washington  
COUNTRY: USA  
ZIP: 98104-7092  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/618,166  
FILING DATE: 17-Jul-2000  
CLASSIFICATION: <Unknown>  
ATTORNEY/AGENT INFORMATION:  
NAME: Mcmasters, David D.  
REGISTRATION NUMBER: 33,963  
REFERENCE/DOCKET NUMBER: 240052.419C1  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (206) 622-4900  
TELEFAX: (206) 682-6031  
INFORMATION FOR SEQ ID NO: 7:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 21 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
SEQUENCE DESCRIPTION: SEQ ID NO: 7:  
US-09-618-166-7

Query Match 1.8%; Score 17.8; DB 1; Length 21;  
Best Local Similarity 90.5%; Pred. No. 2.2e+02;  
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 482 GCAGTGTGTGATCAGCTC 502  
DB 21 GCAGTGTGTGATCAGCTC 1

RESULT 199  
US-08-599-252-35/c  
; Sequence 35, Application US/08599252  
; Patent No. 5705343  
; GENERAL INFORMATION:  
; APPLICANT: DRAVNA, DENNIS T.  
; APPLICANT: FEDER, JOHN N.  
; APPLICANT: GNIKE, ANDREAS  
; APPLICANT: KIMMEL, BRUCE E.  
; APPLICANT: THOMAS, WINSTON J.  
; APPLICANT: WOLFF, ROGER K.  
; TITLE OF INVENTION: METHOD TO DIAGNOSE HEREDITARY  
; TITLE OF INVENTION: HEMOCHROMATOSIS  
; NUMBER OF SEQUENCES: 124  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: MORRISON & FOERSTER  
; STREET: 2000 Pennsylvania Ave. N.W., Suite 5500  
; CITY: Washington  
; STATE: DC  
; COUNTRY: USA  
; ZIP: 20006-1888  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patentin Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/599,252  
; FILING DATE: 09-FEB-1996  
; CLASSIFICATION: 435  
; ATTORNEY/AGENT INFORMATION:  
; NAME: MURASHIGE, KATE H.  
; REGISTRATION NUMBER: 29,959  
; REFERENCE/DOCKET NUMBER: 9053-0001.21  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (202) 887-1500  
; TELEFAX: (202) 887-0763  
; TELEX: 90-4030  
; INFORMATION FOR SEQ ID NO: 35:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 22 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
US-08-599-252-35

Query Match 1.8%; Score 17.8; DB 1; Length 22;  
Best Local Similarity 90.5%; Pred. No. 2.3e+02;  
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 935 CTCGTATGCCAGCTGAGT 955  
DB 21 CTCGTATGCCAGCTGAGT 1

RESULT 200  
US-08-599-252-38/c  
; Sequence 38, Application US/08599252  
; Patent No. 5705343  
; GENERAL INFORMATION:  
; APPLICANT: DRAVNA, DENNIS T.  
; APPLICANT: FEDER, JOHN N.  
; APPLICANT: GNIKE, ANDREAS  
; APPLICANT: KIMMEL, BRUCE E.  
; APPLICANT: THOMAS, WINSTON J.  
; APPLICANT: WOLFF, ROGER K.  
; TITLE OF INVENTION: METHOD TO DIAGNOSE HEREDITARY  
; TITLE OF INVENTION: HEMOCHROMATOSIS  
; NUMBER OF SEQUENCES: 124  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: MORRISON & FOERSTER  
; STREET: 2000 Pennsylvania Ave. N.W., Suite 5500  
; CITY: Washington  
; STATE: DC  
; COUNTRY: USA  
; ZIP: 20006-1888  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patentin Release #1.0, Version #1.30

APPLICANT: KIMMEL, BRUCE E.  
APPLICANT: THOMAS, WINSTON J.  
APPLICANT: WOLFF, ROGER K.  
TITLE OF INVENTION: METHOD TO DIAGNOSE HEREDITARY  
TITLE OF INVENTION: HEMOCHROMATOSIS  
NUMBER OF SEQUENCES: 124  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: MORRISON & FOERSTER  
STREET: 2000 Pennsylvania Ave. N.W., Suite 5500  
CITY: Washington  
STATE: DC  
COUNTRY: USA  
ZIP: 20006-1888  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30

US-08-599-252-38

Query Match 1.8%; Score 17.8; DB 1; Length 22;  
Best Local Similarity 90.5%; Pred. No. 2.3e+02;  
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 935 CTCGTATGCCAGCTGAGT 955  
DB 21 CTCGTATGCCAGCTGAGT 1

RESULT 201  
US-08-599-252-52/c  
; Sequence 52, Application US/08599252  
; Patent No. 5705343  
; GENERAL INFORMATION:  
; APPLICANT: DRAVNA, DENNIS T.  
; APPLICANT: FEDER, JOHN N.  
; APPLICANT: GNIKE, ANDREAS  
; APPLICANT: KIMMEL, BRUCE E.  
; APPLICANT: THOMAS, WINSTON J.  
; APPLICANT: WOLFF, ROGER K.  
; TITLE OF INVENTION: METHOD TO DIAGNOSE HEREDITARY  
; TITLE OF INVENTION: HEMOCHROMATOSIS  
; NUMBER OF SEQUENCES: 124  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: MORRISON & FOERSTER  
; STREET: 2000 Pennsylvania Ave. N.W., Suite 5500  
; CITY: Washington  
; STATE: DC  
; COUNTRY: USA  
; ZIP: 20006-1888  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patentin Release #1.0, Version #1.30

CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/599,252  
FILING DATE: 09-FEB-1996  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: MURASHIGE, KATE H.  
REGISTRATION NUMBER: 29,959  
REFERENCE/DOCKET NUMBER: 9053-0001.21  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (202) 887-1500  
TELEFAX: (202) 887-0763  
TELEX: 90-4030  
INFORMATION FOR SEQ ID NO: 52:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 22 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-599-252-52

Query Match 1.8%; Score 17.8; DB 1; Length 22;  
Best Local Similarity 90.5%; Pred. No. 2.3e+02;  
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 931 CTCACCTCTGTATCCAGGCTG 951  
Db 21 CTCACCTCTGTCTCCAGGCTG 1

RESULT 202  
US-08-859-998-25/c  
Sequence 25, Application US/0885998  
Patent No. 5994076  
GENERAL INFORMATION:  
APPLICANT: Chenchik, Alex  
APPLICANT: Johadze, George  
APPLICANT: Bibilashvili, Robert  
TITLE OF INVENTION: METHOD OF ASSAYING DIFFERENTIAL  
TITLE OF INVENTION: EXPRESSION  
NUMBER OF SEQUENCES: 1375  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Fish & Richardson, P.C.  
STREET: 2200 Sand Hill Road, Suite 100  
CITY: Menlo Park  
STATE: CA  
COUNTRY: US  
ZIP: 94025  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: Windows95  
SOFTWARE: PastsEQ for Windows Version 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/859,998  
FILING DATE: 21-MAY-1997  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER:  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Field, Bret E.  
REGISTRATION NUMBER: 37,620  
REFERENCE/DOCKET NUMBER: 09096/002001  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 415-322-5070  
TELEFAX: 415-854-0875  
INFORMATION FOR SEQ ID NO: 25:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 22 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA

FEATURE:  
OTHER INFORMATION: oligonucleotide primer  
US-08-859-998-25

Query Match 1.8%; Score 17.8; DB 1; Length 22;  
Best Local Similarity 90.5%; Pred. No. 2.3e+02;  
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 643 CCCAGGCTGAGTGACGTGC 663  
Db 21 CTCAGGCTGAGTGATGAGC 1

RESULT 203  
US-09-146-580-10  
Sequence 10, Application US/09146580A  
Patent No. 6306653  
GENERAL INFORMATION:  
APPLICANT: Papsidero, Lawrence D  
APPLICANT: Dyser, Lynn M  
APPLICANT: Frustaci, Jana M  
TITLE OF INVENTION: DETECTION AND TREATMENT OF BREAST DISEASE  
FILE REFERENCE: 200755/1002  
CURRENT APPLICATION NUMBER: US/09/146,580A  
EARLIER FILING DATE: 1998-09-03  
EARLIER APPLICATION NUMBER: 60/071,889  
EARLIER FILING DATE: 1998-01-20  
EARLIER APPLICATION NUMBER: 60/092,155  
EARLIER FILING DATE: 1998-07-09  
NUMBER OF SEQ ID NOS: 18  
SOFTWARE: PatentIn Ver. 2.0  
SEQ ID NO 10  
LENGTH: 22  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-146-580-10

Query Match 1.8%; Score 17.8; DB 1; Length 22;  
Best Local Similarity 90.5%; Pred. No. 2.3e+02;  
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 865 CTGGGATTACGAGCGTGAGCC 885  
Db 2 CTGGGATTATGAGTGAGCC 22

RESULT 204  
US-09-225-928-25/c  
Sequence 25, Application US/09225928  
Patent No. 6352829  
GENERAL INFORMATION:  
APPLICANT: Chenchik, Alex  
APPLICANT: Johadze, George  
APPLICANT: Bibilashvili, Robert  
TITLE OF INVENTION: METHOD OF ASSAYING DIFFERENTIAL  
TITLE OF INVENTION: EXPRESSION  
NUMBER OF SEQUENCES: 1375  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Fish & Richardson, P.C.  
STREET: 2200 Sand Hill Road, Suite 100  
CITY: Menlo Park  
STATE: CA  
COUNTRY: US  
ZIP: 94025  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: Windows95  
SOFTWARE: PastsEQ for Windows Version 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/225,928  
FILING DATE: 05-Jan-1999  
CLASSIFICATION: <Unknown>

```

;
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/859,998
; FILING DATE: 21-MAY-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Field, Bret E.
; REGISTRATION NUMBER: 37,620
; REFERENCE/DOCKET NUMBER: 09096/002001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-322-5070
; TELEFAX: 415-854-0875
; INFORMATION FOR SEQ ID NO: 25:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 22 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; FEATURE:
; OTHER INFORMATION: oligonucleotide primer
; SEQUENCE DESCRIPTION: SEQ ID NO: 25:
US-09-225-928-25

Query Match 1.8%; Score 17.8; DB 1; Length 22;
Best Local Similarity 90.5%; Pred. No. 2.3e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 643 CCCAGCTGAGTGCAGTGC 663
DB 21 CTCAGCTGAGTGTAGTGC 1

RESULT 205
US-09-918-686-88
; Sequence 88, Application US/09918686
; GENERAL INFORMATION:
; APPLICANT: Brunkow, Mary
; APPLICANT: Prohl, Sean
; APPLICANT: Paepert, Bryan
; APPLICANT: Staehling-Hampton, Karen
; TITLE OF INVENTION: METHODS FOR IDENTIFYING
; FILE REFERENCE: 240083.515
; CURRENT APPLICATION NUMBER: US/09/918,686
; CURRENT FILING DATE: 2001-07-30
; NUMBER OF SEQ ID NOS: 105
; SOFTWARE: PastSeq for Windows Version 4.0
; SEQ ID NO 88
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR primer
US-09-918-686-88

Query Match 1.8%; Score 17.8; DB 1; Length 22;
Best Local Similarity 90.5%; Pred. No. 2.3e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 672 GGCTCACTGCACCTCTGCCT 692
DB 1 GGCTCACTGCACCTCCACCT 21

RESULT 206
US-09-225-201B-25/c
; Sequence 25, Application US/09225201B
; Patent No. 6489455
; GENERAL INFORMATION:
; APPLICANT: Chenchik, Alex
; APPLICANT: Jakhade, George
; APPLICANT: Bibilashvili, Robert
; TITLE OF INVENTION: METHOD OF ASSAYING DIFFERENTIAL
```

```

;
; NUMBER OF SEQUENCES: 1375
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson, P.C.
; STREET: 2200 Sand Hill Road, Suite 100
; CITY: Menlo Park
; STATE: CA
; COUNTRY: US
; ZIP: 94025
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: Windows95
; SOFTWARE: PastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/225,201B
; FILING DATE: 05-Jan-1999
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/859,998
; FILING DATE: 21-MAY-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Field, Bret E.
; REGISTRATION NUMBER: 37,620
; REFERENCE/DOCKET NUMBER: 09096/002001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-322-5070
; TELEFAX: 415-854-0875
; INFORMATION FOR SEQ ID NO: 25:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 22 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; FEATURE:
; OTHER INFORMATION: oligonucleotide primer
; SEQUENCE DESCRIPTION: SEQ ID NO: 25:
US-09-225-201B-25

Query Match 1.8%; Score 17.8; DB 1; Length 22;
Best Local Similarity 90.5%; Pred. No. 2.3e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 643 CCCAGCTGAGTGCAGTGC 663
DB 21 CTCAGCTGAGTGTAGTGC 1

RESULT 207
US-09-834-795A-10
; Sequence 10, Application US/09834795A
; Patent No. 6723518
; GENERAL INFORMATION:
; APPLICANT: Lawrence, Papsidero
; APPLICANT: Lynn, Dyster
; APPLICANT: Jana, Frustraci
; TITLE OF INVENTION: Detection and Treatment of Breast Cancer
; FILE REFERENCE: 3380/11127-US3
; CURRENT APPLICATION NUMBER: US/09/834,795A
; CURRENT FILING DATE: 2001-04-12
; PRIOR APPLICATION NUMBER: 09/146,580
; PRIOR FILING DATE: 1998-09-03
; PRIOR APPLICATION NUMBER: 60/071,899
; PRIOR FILING DATE: 1998-01-20
; PRIOR APPLICATION NUMBER: 60/092,155
; PRIOR FILING DATE: 1998-07-09
; NUMBER OF SEQ ID NOS: 35
; SOFTWARE: Patencin version 3.0
; SEQ ID NO 10
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Homo sapiens
```

US-09-834-795A-10

Query Match 1.8%; Score 17.8; DB 1; Length 22;

Best Local Similarity 90.5%; Pred. No. 2.3e+02;

Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 865 CTGGATTACAGCGCTGAGCC 885  
|||||  
DB 2 CTGGATTATAGGTGTGAGCC 22

RESULT 208

US-09-834-795A-14

Sequence 14, Application US/09834795A

Patent No. 6723518

GENERAL INFORMATION:

APPLICANT: Lawrence, Papeidero

APPLICANT: Lyn, Dyster

APPLICANT: Jana, Frustaci

TITLE OF INVENTION: Detection and Treatment of Breast Cancer

FILE REFERENCE: 3380/11127-US3

CURRENT APPLICATION NUMBER: US/09/834,795A

CURRENT FILING DATE: 2001-04-12

PRIOR APPLICATION NUMBER: 09/146,580

PRIOR FILING DATE: 1998-09-03

PRIOR APPLICATION NUMBER: 60/071,899

PRIOR FILING DATE: 1998-01-20

PRIOR APPLICATION NUMBER: 60/092,155

PRIOR FILING DATE: 1998-07-09

NUMBER OF SEQ ID NOS: 35

SOFTWARE: PatentIn version 3.0

SEQ ID NO 14

LENGTH: 22

TYPE: DNA

ORGANISM: Artificial sequence

FEATURE:

OTHER INFORMATION: Gene specific primer (24R)

US-09-834-795A-14

Query Match 1.8%; Score 17.8; DB 1; Length 22;  
Best Local Similarity 90.5%; Pred. No. 2.3e+02;  
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 865 CTGGATTACAGCGCTGAGCC 885  
|||||  
DB 2 CTGGATTATAGGTGTGAGCC 22

RESULT 209

PCT-US96-06352-35/c

Sequence 35, Application PC/TUS9606352

GENERAL INFORMATION:

APPLICANT: DRAVNA, DENNIS T.

APPLICANT: FEDER, JOHN N.

APPLICANT: GINKKE, ANDREAS

APPLICANT: KIMMEL, BRUCE E.

APPLICANT: THOMAS, WINSTON J.

APPLICANT: WOLFF, ROGER K.

TITLE OF INVENTION: METHOD TO DIAGNOSE HEREDITARY

TITLE OF INVENTION: HEMOCHROMATOSIS

NUMBER OF SEQUENCES: 124

CORRESPONDENCE ADDRESS:

ADDRESS: MORRISON &amp; FOERSTER

STREET: 2000 Pennsylvania Ave. N.W., Suite 5500

CITY: Washington

STATE: DC

COUNTRY: USA

ZIP: 20006-1888

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: PCT/US96/06352

FILING DATE:

CLASSIFICATION:

PRIOR APPLICATION DATA: US 08/599,252

APPLICATION NUMBER: 09-FEB-1996

FILING DATE: 09-FEB-1996

ATTORNEY/AGENT INFORMATION:

NAME: MURASHIGE, KATE H.

REGISTRATION NUMBER: 29,959

REFERENCE/DOCKET NUMBER: 9053-0001.21

TELECOMMUNICATION INFORMATION:

TELEPHONE: (202) 887-1500

TELEFAX: (202) 887-0763

TELEX: 90-4030

INFORMATION FOR SEQ ID NO: 35:

SEQUENCE CHARACTERISTICS:

LENGTH: 22 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

PCT-US96-06352-35

Query Match 1.8%; Score 17.8; DB 1; Length 22;  
Best Local Similarity 90.5%; Pred. No. 2.3e+02;  
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 935 CTCTGTATCCAGCTGAGT 955  
|||||  
DB 21 CTCTATGCCAGCTGAGT 1

RESULT 210

PCT-US96-06352-38/c

Sequence 38, Application PC/TUS9606352

GENERAL INFORMATION:

APPLICANT: DRAVNA, DENNIS T.

APPLICANT: FEDER, JOHN N.

APPLICANT: GINKKE, ANDREAS

APPLICANT: KIMMEL, BRUCE E.

APPLICANT: THOMAS, WINSTON J.

APPLICANT: WOLFF, ROGER K.

TITLE OF INVENTION: METHOD TO DIAGNOSE HEREDITARY

TITLE OF INVENTION: HEMOCHROMATOSIS

NUMBER OF SEQUENCES: 124

CORRESPONDENCE ADDRESS:

ADDRESS: MORRISON &amp; FOERSTER

STREET: 2000 Pennsylvania Ave. N.W., Suite 5500

CITY: Washington

STATE: DC

COUNTRY: USA

ZIP: 20006-1888

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: PCT/US96/06352

FILING DATE:

CLASSIFICATION:

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/599,252

FILING DATE: 09-FEB-1996

ATTORNEY/AGENT INFORMATION:

NAME: MURASHIGE, KATE H.

REGISTRATION NUMBER: 29,959

REFERENCE/DOCKET NUMBER: 9053-0001.21

TELECOMMUNICATION INFORMATION:

TELEPHONE: (202) 887-1500

TELEFAX: (202) 887-0763

TELEX: 90-4030

INFORMATION FOR SEQ ID NO: 38:

SEQUENCE CHARACTERISTICS:  
LENGTH: 22 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
PCT-US96-06352-38

Query Match 1.8%; Score 17.8; DB 1; Length 22;  
Best Local Similarity 90.5%; Pred. No. 2.3e+02;  
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 935 CTCCTGTTACCCAGGCTGAGT 955  
DB 21 CTCCTATTGCCAGGCTGAGT 1

RESULT 211  
PCT-US96-06352-52/c

Sequence 52, Application PC/TUS9606352  
GENERAL INFORMATION:

APPLICANT: DRAVNA, DENNIS T.  
APPLICANT: FEDER, JOHN N.  
APPLICANT: KIRKE, ANDREAS  
APPLICANT: KIMMEL, BRUCE E.  
APPLICANT: THOMAS, WINSTON J.  
APPLICANT: WOLFF, ROGER K.  
TITLE OF INVENTION: METHOD TO DIAGNOSE HEREDITARY  
TITLE OF INVENTION: HEMOCHROMATOSIS  
NUMBER OF SEQUENCES: 124  
CORRESPONDENCE ADDRESS:  
ADDRESSER: MORRISON & FOERSTER  
STREET: 2000 Pennsylvania Ave. N.W., Suite 5500  
CITY: Washington  
STATE: DC  
COUNTRY: USA  
ZIP: 20006-1888

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: PCT/US96/06352

FILING DATE:  
CLASSIFICATION:

PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/599,252  
FILING DATE: 09-FEB-1996

ATTORNEY/AGENT INFORMATION:  
NAME: MURASHIGE, KATE H.

REGISTRATION NUMBER: 29,959  
REFERENCE/DOCKET NUMBER: 9053-0001.21

TELECOMMUNICATION INFORMATION:  
TELEPHONE: (202) 887-1500

TELEFAX: (202) 887-0763  
TELEX: 90-4030

INFORMATION FOR SEQ ID NO: 52:  
SEQUENCE CHARACTERISTICS:

LENGTH: 22 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
PCT-US96-06352-52

Query Match 1.8%; Score 17.8; DB 1; Length 22;  
Best Local Similarity 90.5%; Pred. No. 2.3e+02;  
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 931 CTCCTGTTACCCAGGCTG 951  
DB 21 CTCCTATTGCCAGGCTG 1

RESULT 212  
PCT-US96-06583-35/c

Sequence 35, Application PC/TUS9606583  
GENERAL INFORMATION:

APPLICANT: DRAVNA, DENNIS T.  
APPLICANT: FEDER, JOHN N.  
APPLICANT: KIRKE, ANDREAS  
APPLICANT: KIMMEL, BRUCE E.  
APPLICANT: THOMAS, WINSTON J.  
APPLICANT: WOLFF, ROGER K.  
TITLE OF INVENTION: METHOD TO DIAGNOSE HEREDITARY  
TITLE OF INVENTION: HEMOCHROMATOSIS  
NUMBER OF SEQUENCES: 124  
CORRESPONDENCE ADDRESS:  
ADDRESSER: MORRISON & FOERSTER  
STREET: 2000 Pennsylvania Ave. N.W., Suite 5500  
CITY: Washington  
STATE: DC  
COUNTRY: USA  
ZIP: 20006-1888

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: PCT/US96/06583

FILING DATE:  
CLASSIFICATION:

PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/599,252  
FILING DATE: 09-FEB-1996

ATTORNEY/AGENT INFORMATION:  
NAME: MURASHIGE, KATE H.

REGISTRATION NUMBER: 29,959  
REFERENCE/DOCKET NUMBER: 9053-0001.21

TELECOMMUNICATION INFORMATION:  
TELEPHONE: (202) 887-1500

TELEFAX: (202) 887-0763  
TELEX: 90-4030

INFORMATION FOR SEQ ID NO: 35:  
SEQUENCE CHARACTERISTICS:

LENGTH: 22 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
PCT-US96-06583-35

Query Match 1.8%; Score 17.8; DB 1; Length 22;  
Best Local Similarity 90.5%; Pred. No. 2.3e+02;  
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 935 CTCCTGTTACCCAGGCTGAGT 955  
DB 21 CTCCTATTGCCAGGCTGAGT 1

RESULT 213  
PCT-US96-06583-38/c

Sequence 38, Application PC/TUS9606583  
GENERAL INFORMATION:

APPLICANT: DRAVNA, DENNIS T.  
APPLICANT: FEDER, JOHN N.  
APPLICANT: KIRKE, ANDREAS  
APPLICANT: KIMMEL, BRUCE E.  
APPLICANT: THOMAS, WINSTON J.  
APPLICANT: WOLFF, ROGER K.  
TITLE OF INVENTION: METHOD TO DIAGNOSE HEREDITARY  
TITLE OF INVENTION: HEMOCHROMATOSIS  
NUMBER OF SEQUENCES: 124  
CORRESPONDENCE ADDRESS:  
ADDRESSER: MORRISON & FOERSTER  
STREET: 2000 Pennsylvania Ave. N.W., Suite 5500

CITY: Washington  
STATE: DC  
COUNTRY: USA  
ZIP: 20006-1888  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: PCT/US96/06583  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/599,252  
FILING DATE: 09-FEB-1996  
ATTORNEY/AGENT INFORMATION:  
NAME: MURASHIGE, KATE H.  
REGISTRATION NUMBER: 29,959  
REFERENCE/DOCKET NUMBER: 9053-0001.21  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (202) 887-1500  
TELEFAX: (202) 887-0763  
TELEX: 90-4030  
INFORMATION FOR SEQ ID NO: 38:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 22 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
PCT-US96-06583-38

Query Match 1.8%; Score 17.8; DB 1; Length 22;  
Best Local Similarity 90.5%; Pred. No. 2.3e+02;  
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 935 CTCGTACCCAGCGCTGAGT 955  
Db 21 CTCATTGCCAGCGCTGAGT 1

RESULT 214  
PCT-US96-06583-52/c  
Sequence 52, Application PC/TUS9606583  
GENERAL INFORMATION:  
APPLICANT: DRAVNA, DENNIS T.  
APPLICANT: FEDER, JOHN N.  
APPLICANT: GINKER, ANDREAS  
APPLICANT: KIMMEL, BRUCE E.  
APPLICANT: THOMAS, WINSTON J.  
APPLICANT: WOLFE, ROGER K.  
TITLE OF INVENTION: METHOD TO DIAGNOSE HEREDITARY  
TITLE OF INVENTION: HEMOCHROMATOSIS  
NUMBER OF SEQUENCES: 124  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: MORRISON & FORSTER  
STREET: 2000 Pennsylvania Ave. N.W., Suite 5500  
CITY: Washington  
STATE: DC  
COUNTRY: USA  
ZIP: 20006-1888  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: PCT/US96/06583  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/599,252  
FILING DATE: 09-FEB-1996

ATTORNEY/AGENT INFORMATION:  
NAME: MURASHIGE, KATE H.  
REGISTRATION NUMBER: 29,959  
REFERENCE/DOCKET NUMBER: 9053-0001.21  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (202) 887-1500  
TELEFAX: (202) 887-0763  
TELEX: 90-4030  
INFORMATION FOR SEQ ID NO: 52:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 22 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
PCT-US96-06583-52

Query Match 1.8%; Score 17.8; DB 1; Length 22;  
Best Local Similarity 90.5%; Pred. No. 2.3e+02;  
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 931 CTCACCTGTGTACCCAGCGCTG 951  
Db 21 CTCACCTGTGTCTCCAGCGCTG 1

RESULT 215  
US-08-222-177A-330  
Sequence 330, Application US/08222177A  
Patent No. 5582979  
GENERAL INFORMATION:  
APPLICANT: Weber, James L.  
TITLE OF INVENTION: LENGTH POLYMORPHISMS IN  
TITLE OF INVENTION: (dC-dA)n (dG-dT)n SEQUENCES AND METHODS OF USING SAME  
NUMBER OF SEQUENCES: 460  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Demitt Rose & Stevens, S.C.  
STREET: 8000 Excelsior Drive, Suite 401  
CITY: Madison  
STATE: Wisconsin  
COUNTRY: USA  
ZIP: 53717-1914  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/222,177A  
FILING DATE:  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/341,562  
FILING DATE: 21-APR-1989  
ATTORNEY/AGENT INFORMATION:  
NAME: Sara, Charles S.  
REGISTRATION NUMBER: 30,492  
REFERENCE/DOCKET NUMBER: 09865.601  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (608) 831-2100  
TELEFAX: (608) 831-2106  
TELEX:  
INFORMATION FOR SEQ ID NO: 330:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: double  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
IMMEDIATE SOURCE:  
CLONE: mfd103p2  
US-08-222-177A-330

Query Match 1.8%; Score 17.4; DB 1; Length 19;





CORRESPONDENCE ADDRESS:  
ADDRESSEE: Law Offices of Jane Massey Licata  
STREET: 66 East Main Street  
CITY: Marlton  
STATE: NJ  
COUNTRY: U.S.A.  
ZIP: 08053  
COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
COMPUTER: IBM PC  
OPERATING SYSTEM: WINDOWS 95  
SOFTWARE: WORDPERFECT 6.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/280,805  
FILING DATE: herewith  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 09/048,810  
FILING DATE: March 26, 1998  
ATTORNEY/AGENT INFORMATION:  
NAME: Licata, Jane Massey  
REGISTRATION NUMBER: 32,257  
REFERENCE/DOCKET NUMBER: ISPH-0346  
TELEPHONE: 609-810-1515  
TELEFAX: 609-810-1454  
INFORMATION FOR SEQ ID NO: 249:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
ANTI-SENSE: Yes  
US-09-280-805-249

Query Match 1.8%; Score 17.4; DB 1; Length 20;  
Best Local Similarity 94.7%; Pred. No. 2.2e+02;  
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 531 CATCTCTGCTGCTGCT 549  
DB 19 CATCTCTGCTGCTGCT 1

RESULT 221  
US-09-280-805-256/c  
Sequence 256, Application US/09280805  
Patent No. 6184212  
GENERAL INFORMATION:  
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.  
APPLICANT: Graham, Brett P. Monia  
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2  
NUMBER OF SEQUENCES: 271  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Law Offices of Jane Massey Licata  
STREET: 66 East Main Street  
CITY: Marlton  
STATE: NJ  
COUNTRY: U.S.A.  
ZIP: 08053  
COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
COMPUTER: IBM PC  
OPERATING SYSTEM: WINDOWS 95  
SOFTWARE: WORDPERFECT 6.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/280,805  
FILING DATE: herewith  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 09/048,810  
FILING DATE: March 26, 1998  
ATTORNEY/AGENT INFORMATION:  
NAME: Licata, Jane Massey  
REGISTRATION NUMBER: 32,257  
REFERENCE/DOCKET NUMBER: ISPH-0346  
TELEPHONE: 609-810-1515  
TELEFAX: 609-810-1454  
INFORMATION FOR SEQ ID NO: 257:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
ANTI-SENSE: Yes  
US-09-280-805-257

ATTORNEY/AGENT INFORMATION:  
NAME: Licata, Jane Massey  
REGISTRATION NUMBER: 32,257  
REFERENCE/DOCKET NUMBER: ISPH-0346  
TELEPHONE: 609-810-1515  
TELEFAX: 609-810-1454  
INFORMATION FOR SEQ ID NO: 256:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
ANTI-SENSE: Yes  
US-09-280-805-256

Query Match 1.8%; Score 17.4; DB 1; Length 20;  
Best Local Similarity 94.7%; Pred. No. 2.2e+02;  
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 578 CCACCTACCTGCTGCTATT 596  
DB 19 CCACCTACCTGCTGCTATT 1

RESULT 222  
US-09-280-805-257/c  
Sequence 257, Application US/09280805  
Patent No. 6184212  
GENERAL INFORMATION:  
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.  
APPLICANT: Graham, Brett P. Monia  
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2  
NUMBER OF SEQUENCES: 271  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Law Offices of Jane Massey Licata  
STREET: 66 East Main Street  
CITY: Marlton  
STATE: NJ  
COUNTRY: U.S.A.  
ZIP: 08053  
COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
COMPUTER: IBM PC  
OPERATING SYSTEM: WINDOWS 95  
SOFTWARE: WORDPERFECT 6.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/280,805  
FILING DATE: herewith  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 09/048,810  
FILING DATE: March 26, 1998  
ATTORNEY/AGENT INFORMATION:  
NAME: Licata, Jane Massey  
REGISTRATION NUMBER: 32,257  
REFERENCE/DOCKET NUMBER: ISPH-0346  
TELEPHONE: 609-810-1515  
TELEFAX: 609-810-1454  
INFORMATION FOR SEQ ID NO: 257:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
ANTI-SENSE: Yes  
US-09-280-805-257

Query Match 1.8%; Score 17.4; DB 1; Length 20;  
Best Local Similarity 94.7%; Pred. No. 2.2e+02;  
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 771 TTTGATTTTGTAGACAGA 789  
|||||  
DB 20 TTTGTACTTTTGTAGACAGA 2

RESULT 223  
US-09-038-637-155/c  
; Sequence 155, Application US/09038637  
; Patent No. 6235470  
; GENERAL INFORMATION:  
; APPLICANT: Sidransky, David  
; TITLE OF INVENTION: DETECTION OF NEOPLASIM BY ANALYSIS OF SALIVA  
; NUMBER OF SEQUENCES: 195  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Fish & Richardson P.C.  
; STREET: 4225 Executive Square, Suite 1400  
; CITY: La Jolla  
; STATE: CA  
; COUNTRY: USA  
; ZIP: 92037  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Diskette  
; OPERATING SYSTEM: Windows 95  
; SOFTWARE: FastSeq for Windows Version 2.0b  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/038,637  
; FILING DATE: 10-MAR-1998  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/579,233  
; FILING DATE: 28-DEC-1995  
; APPLICATION NUMBER: 08/152,313  
; FILING DATE: 12-NOV-1993  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Haille, Lisa A.  
; REGISTRATION NUMBER: 38,347  
; REFERENCE/DOCKET NUMBER: 07265/146001  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 619/678-5070  
; TELEFAX: 619/678-5099  
; INFORMATION FOR SEQ ID NO: 155:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: Genomic DNA  
; US-09-038-637-155

Query Match 1.8%; Score 17.4; DB 1; Length 20;  
Best Local Similarity 94.7%; Pred. No. 2.2e+02;  
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 646 AGCGTCGAGTCGAGTCGCG 664  
|||||  
DB 20 AGCGTCGAGTCGAGTCGCG 2

RESULT 224  
US-09-467-642-65/c  
; Sequence 65, Application US/09467642  
; Patent No. 6300132  
; GENERAL INFORMATION:  
; APPLICANT: Brett P. Monia  
; APPLICANT: Lex M. Cowsett  
; TITLE OF INVENTION: ANTISENSE MODULATION OF TELOMERIC REPEAT BINDING FACTOR 2 EXPRES  
; FILE REFERENCE: RTS-0106  
; CURRENT APPLICATION NUMBER: US/09/467,642  
; CURRENT FILING DATE: 1999-12-20  
; NUMBER OF SEQ ID NOS: 89  
; SEQ ID NO 65  
; LENGTH: 20

; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense oligonucleotide  
US-09-467-642-65

Query Match 1.8%; Score 17.4; DB 1; Length 20;  
Best Local Similarity 94.7%; Pred. No. 2.2e+02;  
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 969 CTCGGCTCAGTCGACACCTC 987  
|||||  
DB 20 CTCGGCTCAGTCGACACCTC 2

RESULT 225  
US-09-588-950A-5  
; Sequence 5, Application US/09588950A  
; Patent No. 6399305  
; GENERAL INFORMATION:  
; APPLICANT: Makino, Yoshihiko  
; APPLICANT: Abe, Yoshihiko  
; APPLICANT: Ogawa, Masashi  
; APPLICANT: Takagi, Makoto  
; APPLICANT: Takenaka, Shigeori  
; APPLICANT: Yamashita, Kenichi  
; TITLE OF INVENTION: Protection of Partial Complementary Nucleic Acid Fragment Using a  
; FILE REFERENCE: JG-YV-4980/500569.20039  
; CURRENT APPLICATION NUMBER: US/09/588,950A  
; CURRENT FILING DATE: 2000-06-07  
; PRIOR APPLICATION NUMBER: Japan 11-159339  
; PRIOR FILING DATE: 1999-06-07  
; NUMBER OF SEQ ID NOS: 9  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 5  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthesized  
US-09-588-950A-5

Query Match 1.8%; Score 17.4; DB 1; Length 20;  
Best Local Similarity 94.7%; Pred. No. 2.2e+02;  
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 427 TTTTATTTTATTTTATTTT 445  
|||||  
DB 1 TTTTATTTTATTTTATTTT 19

RESULT 226  
US-09-851-896-18  
; Sequence 18, Application US/09851896  
; Patent No. 6410325  
; GENERAL INFORMATION:  
; APPLICANT: Susan M. Freiler  
; APPLICANT: Andrew T. Walt  
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP VI (CA2+-INDEPEND  
; FILE REFERENCE: RTS-0220  
; CURRENT APPLICATION NUMBER: US/09/851,896  
; CURRENT FILING DATE: 2001-05-08  
; NUMBER OF SEQ ID NOS: 89  
; SEQ ID NO 18  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense oligonucleotide  
US-09-851-896-18

Query Match 1.8%; Score 17.4; DB 1; Length 20;  
Best Local Similarity 94.7%; Pred. No. 2.2e+02;  
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 851 GGCCTCCCAAGTCTGGG 869  
Db 2 GGTCTCCCAAGTCTGGG 20

RESULT 227  
US-09-780-175-25/c  
; Sequence 25, Application US/09780175  
; Patent No. 6440738  
; GENERAL INFORMATION:  
; APPLICANT: Robert McKay  
; APPLICANT: Susan M. Freier  
; TITLE OF INVENTION: ANTISENSE MODULATION OF CASEIN KINASE 2-BETA EXPRESSION  
; FILE REFERENCE: RTS-0164  
; CURRENT APPLICATION NUMBER: US/09/780.175  
; CURRENT FILING DATE: 2001-02-08  
; NUMBER OF SEQ ID NOS: 154  
; SEQ ID NO 25  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-780-175-25

Query Match 1.8%; Score 17.4; DB 1; Length 20;  
Best Local Similarity 94.7%; Pred. No. 2.2e+02;  
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 686 TCTGCTCCCGGTTCAAG 704  
Db 20 TCTGCTCCCGGTTCAAG 2

RESULT 228  
US-09-780-173A-20/c  
; Sequence 20, Application US/09780173A  
; Patent No. 6455307  
; GENERAL INFORMATION:  
; APPLICANT: Robert McKay  
; APPLICANT: Susan M. Freier  
; TITLE OF INVENTION: ANTISENSE MODULATION OF CASEIN KINASE 2-ALPHA PRIME EXPRESSION  
; FILE REFERENCE: RTS-0165  
; CURRENT APPLICATION NUMBER: US/09/780.173A  
; CURRENT FILING DATE: 2001-02-08  
; NUMBER OF SEQ ID NOS: 95  
; SEQ ID NO 20  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-780-173A-20

Query Match 1.8%; Score 17.4; DB 1; Length 20;  
Best Local Similarity 94.7%; Pred. No. 2.2e+02;  
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 969 CTCGGCTCACTGCAACTTC 987  
Db 20 CTCAGCTCACTGCAACTTC 2

RESULT 229  
US-09-733-294A-81/c  
; Sequence 81, Application US/09733294A

; Patent No. 6492171  
; GENERAL INFORMATION:  
; APPLICANT: Brett P. Monia  
; APPLICANT: William Gaarde  
; APPLICANT: Susan M. Freier  
; APPLICANT: Edward V. Manciewicz  
; TITLE OF INVENTION: ANTISENSE MODULATION OF TERT EXPRESSION  
; FILE REFERENCE: ISPH-0527  
; CURRENT APPLICATION NUMBER: US/09/733.294A  
; CURRENT FILING DATE: 2000-12-07  
; PRIOR APPLICATION NUMBER: 09/572.423  
; PRIOR FILING DATE: 2000-05-16  
; NUMBER OF SEQ ID NOS: 108  
; SEQ ID NO 81  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-733-294A-81

Query Match 1.8%; Score 17.4; DB 1; Length 20;  
Best Local Similarity 94.7%; Pred. No. 2.2e+02;  
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1121 TCAAACTCTGACCTCAG 1139  
Db 20 TCAAACTCTGACCTCAG 2

RESULT 230  
US-09-657-346A-32  
; Sequence 32, Application US/09657346A  
; Patent No. 6503754  
; GENERAL INFORMATION:  
; APPLICANT: Hong Zhang  
; APPLICANT: Jacqueline Wyat  
; TITLE OF INVENTION: ANTISENSE MODULATION OF BH3 INTERACTING DOMAIN DEATH AGONIST  
; FILE REFERENCE: RTS-0135  
; CURRENT APPLICATION NUMBER: US/09/657.346A  
; CURRENT FILING DATE: 2000-09-07  
; NUMBER OF SEQ ID NOS: 174  
; SEQ ID NO 32  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-657-346A-32

Query Match 1.8%; Score 17.4; DB 1; Length 20;  
Best Local Similarity 94.7%; Pred. No. 2.2e+02;  
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 191 GTTCTCCATGTTGTCAG 209  
Db 2 GTTCAACATGTTGTCAG 20

RESULT 231  
US-09-657-346A-49  
; Sequence 49, Application US/09657346A  
; Patent No. 6503754  
; GENERAL INFORMATION:  
; APPLICANT: Hong Zhang  
; APPLICANT: Jacqueline Wyat  
; TITLE OF INVENTION: ANTISENSE MODULATION OF BH3 INTERACTING DOMAIN DEATH AGONIST  
; FILE REFERENCE: RTS-0135  
; CURRENT APPLICATION NUMBER: US/09/657.346A  
; CURRENT FILING DATE: 2000-09-07  
; NUMBER OF SEQ ID NOS: 174

SEQ ID NO 49  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-09-657-346A-49

Query Match 1.8%; Score 17.4; DB 1; Length 20;  
Best Local Similarity 94.7%; Pred. No. 2.2e+02;  
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 729 AGTAGCTGGAGCTACAGGC 747  
Db 2 AGTAGCTGGAGCTACAGGC 20

RESULT 232  
US-09-679-299A-4/C  
Sequence 4, Application US/09679299A  
Patent No. 6566135  
GENERAL INFORMATION:  
APPLICANT: Vickie L. Brown-Driver  
APPLICANT: Hong Zhang  
APPLICANT: Andrew T. Walt  
TITLE OF INVENTION: ANTISENSE MODULATION OF CASPASE 6 EXPRESSION  
FILE REFERENCE: RTS-0187  
CURRENT FILING DATE: 2000-10-04  
NUMBER OF SEQ ID NOS: 164  
SEQ ID NO 4  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: PCR Primer  
US-09-679-299A-4

Query Match 1.8%; Score 17.4; DB 1; Length 20;  
Best Local Similarity 94.7%; Pred. No. 2.2e+02;  
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1006 GATTCTCTGTCTCAGCCT 1024  
Db 19 GATTCTCTGTCTCAGCCT 1

RESULT 233  
US-09-679-299A-69  
Sequence 69, Application US/09679299A  
Patent No. 6566135  
GENERAL INFORMATION:  
APPLICANT: Vickie L. Brown-Driver  
APPLICANT: Hong Zhang  
APPLICANT: Andrew T. Walt  
TITLE OF INVENTION: ANTISENSE MODULATION OF CASPASE 6 EXPRESSION  
FILE REFERENCE: RTS-0187  
CURRENT FILING DATE: 2000-10-04  
NUMBER OF SEQ ID NOS: 164  
SEQ ID NO 69  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-09-679-299A-69

Query Match 1.8%; Score 17.4; DB 1; Length 20;  
Best Local Similarity 94.7%; Pred. No. 2.2e+02;  
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 865 CTGGATTACAGCGCTGAG 883

Db 1 CTGGATTACAGCGCTGAG 19

RESULT 234  
US-08-394-210-6  
Sequence 6, Application US/08394210  
Patent No. 5814716  
GENERAL INFORMATION:  
APPLICANT: JALLAT, SOPHIE  
APPLICANT: MEULIEN, PIERRE  
APPLICANT: PAVIRANI, ANDREA  
APPLICANT: PERRAUD, FREDERIC  
TITLE OF INVENTION: CELL LINEAGES EXPRESSING A BIOLOGICALLY  
TITLE OF INVENTION: ACTIVE IX FACTOR  
NUMBER OF SEQUENCES: 20  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: CUSHMAN, DARBY & CUSHMAN  
STREET: 1615 L Street, N.W.  
CITY: Washington  
STATE: D.C.  
COUNTRY: USA  
ZIP: 20036-5601  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/394,210  
FILING DATE:  
CLASSIFICATION: 800  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/08/038,085  
FILING DATE:  
APPLICATION NUMBER: US 07/675,889  
FILING DATE: 09-APR-1991  
APPLICATION NUMBER: FR 8910720  
FILING DATE: 09-AUG-1989  
ATTORNEY/AGENT INFORMATION:  
NAME: WHITE JR, PAUL E  
REGISTRATION NUMBER: 32011  
REFERENCE/DOCKET NUMBER: PEM/5683/84493  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 202-861-3000  
TELEFAX: (202) 861-0944  
TELEX: 6714627 CUSH  
INFORMATION FOR SEQ ID NO: 6:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 21 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
US-08-394-210-6

Query Match 1.8%; Score 17.4; DB 1; Length 21;  
Best Local Similarity 94.7%; Pred. No. 2.4e+02;  
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 869 GATTACAGCGCTGAGCCAC 887  
Db 1 GATTACAGCGCTGAGCCAC 19

RESULT 235  
US-09-475-947A-119  
Sequence 119, Application US/09475947A  
Patent No. 6472154  
GENERAL INFORMATION:  
APPLICANT: Garner, Harold R.  
APPLICANT: Wren, Jonathan D.  
APPLICANT: Minna, John D.

;; TITLE OF INVENTION: Polymorphic Repeats in Human Genes  
;; FILE REFERENCE: UTS0067  
;; CURRENT APPLICATION NUMBER: US/09/475,947A  
;; CURRENT FILING DATE: 1999-12-31  
;; NUMBER OF SEQ ID NOS: 346  
;; SOFTWARE: Patentin Ver. 2.1  
;; SEQ ID NO 119  
;; LENGTH: 21  
;; TYPE: DNA  
;; ORGANISM: human  
US-09-475-947A-119

Query Match 1.8%; Score 17.4; DB 1; Length 21;  
Best Local Similarity 94.7%; Pred. No. 2.4e+02;  
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 427 TTTTATTTATTTT 445  
|||||  
Db 2 TTTTATTTATTTT 20

RESULT 236  
US-08-635-820A-2/c  
; Sequence 2, Application US/08635820A  
; Patent No. 5817462  
; GENERAL INFORMATION:  
; APPLICANT: YUVAL GARINI ET AL.  
; TITLE OF INVENTION: METHOD FOR SIMULTANEOUS DETECTION OF MULTIPLE FLUOROPHORES FOR  
; NUMBER OF SEQUENCES: 3  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Mark M. Friedman c/o Robert Sheinbein  
; STREET: 2940 Birchtree lane  
; CITY: Silver Spring  
; STATE: Maryland  
; COUNTRY: United States of America  
; ZIP: 20906

COMPUTER READABLE FORM:  
MEDIUM TYPE: 1.44 megabyte, 3.5" microdisk  
COMPUTER: Twinhead\* Slimnote-890TX  
OPERATING SYSTEM: MS DOS version 6.2,  
OPERATING SYSTEM: Windows version 3.11  
SOFTWARE: word for windows version 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/635,820A  
FILING DATE: 22-Apr-1996  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/107,673  
FILING DATE: 18-Aug-93  
APPLICATION NUMBER: 08/392,019  
FILING DATE: 21-Feb-95  
APPLICATION NUMBER: 08/571,047  
FILING DATE: 12-Dec-95  
APPLICATION NUMBER: 08/575,191  
FILING DATE: 20-Dec-95  
ATTORNEY/AGENT INFORMATION:  
NAME: Friedman, Mark M.  
REGISTRATION NUMBER: 33,883  
REFERENCE/DOCKET NUMBER: 205/15  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 972-3-562553  
TELEFAX: 972-3-562554  
TELEX:  
INFORMATION FOR SEQ ID NO: 2:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-635-820A-2

Query Match 1.7%; Score 17; DB 1; Length 17;

Best Local Similarity 100.0%; Pred. No. 1.9e+02;  
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 643 CCCAGGCTGGAGTGAG 659  
|||||  
Db 17 CCCAGGCTGGAGTGAG 1

RESULT 237  
US-09-100-104-2/c  
; Sequence 2, Application US/09100104  
; Patent No. 6065459  
; GENERAL INFORMATION:  
; APPLICANT: YUVAL GARINI ET AL.  
; TITLE OF INVENTION: METHOD FOR SIMULTANEOUS DETECTION OF MULTIPLE  
; TITLE OF INVENTION: FLUOROPHORES FOR IN SITU HYBRIDIZATION AND  
; TITLE OF INVENTION: MULTICOLOR CHROMOSOME PAINTING AND BANDING  
; NUMBER OF SEQUENCES: 3  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Mark M. Friedman c/o Anthony Castorina  
; STREET: 20001 Jefferson Davis Highway, Suite 207  
; CITY: Arlington  
; STATE: Virginia  
; COUNTRY: United States of America  
; ZIP: 22202

COMPUTER READABLE FORM:  
MEDIUM TYPE: 1.44 megabyte, 3.5" microdisk  
COMPUTER: Twinhead\* Slimnote-890TX  
OPERATING SYSTEM: MS DOS version 6.2,  
OPERATING SYSTEM: Windows version 3.11  
SOFTWARE: word for windows version 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/100,104  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/107,673  
FILING DATE: 18-Aug-93  
APPLICATION NUMBER: 08/392,019  
FILING DATE: 21-Feb-95  
APPLICATION NUMBER: 08/571,047  
FILING DATE: 12-Dec-95  
APPLICATION NUMBER: 08/575,191  
FILING DATE: 20-Dec-95  
APPLICATION NUMBER: 08/635,820  
FILING DATE: 22-Apr-1996  
ATTORNEY/AGENT INFORMATION:  
NAME: Friedman, Mark M.  
REGISTRATION NUMBER: 33,883  
REFERENCE/DOCKET NUMBER: 205/15  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 972-3-562553  
TELEFAX: 972-3-562554  
TELEX:  
INFORMATION FOR SEQ ID NO: 2:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-09-100-104-2

Query Match 1.7%; Score 17; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 1.9e+02;  
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 643 CCCAGGCTGGAGTGAG 659  
|||||  
Db 17 CCCAGGCTGGAGTGAG 1

RESULT 238

US-08-222-177A-82/C  
; Sequence 82, Application US/08222177A  
; Patent No. 5582979  
; GENERAL INFORMATION:  
; APPLICANT: Weber, James L.  
; TITLE OF INVENTION: LENGTH POLYMORPHISMS IN  
; TITLE OF INVENTION: (dc-da)n SEQUENCES AND METHODS OF USING SAME  
; NUMBER OF SEQUENCES: 460  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Demilt Rose & Stevens, S.C.  
; STREET: 8000 Excelsior Drive, Suite 401  
; CITY: Madison  
; STATE: Wisconsin  
; COUNTRY: USA  
; ZIP: 53717-1914  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patentin Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/222,177A  
; FILING DATE:  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 07/341,562  
; FILING DATE: 21-APR-1989  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Sara, Charles S.  
; REGISTRATION NUMBER: 30,492  
; REFERENCE/DOCKET NUMBER: 09865.601  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (608) 831-2100  
; TELEFAX: (608) 831-2106  
; TELEX:  
; INFORMATION FOR SEQ ID NO: 82:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 19 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: double  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA (genomic)  
; IMMEDIATE SOURCE:  
; CLONE: mcd10p2  
US-08-222-177A-82  
Query Match 1.7%; Score 17; DB 1; Length 19;  
Best Local Similarity 100.0%; Pred. No. 2.3e+02;  
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1111 CAGGCTGCTCAACT 1127  
DB 17 CAGGCTGCTCAACT 1  
RESULT 239  
US-08-487-759-1  
; Sequence 1, Application US/08487759  
; Patent No. 566989  
; GENERAL INFORMATION:  
; APPLICANT: Cole, James L.  
; APPLICANT: Olsen, David B.  
; APPLICANT: Kuo, Lawrence C.  
; TITLE OF INVENTION: DNA POLYMERASE EXTENSION ASSAY FOR  
; TITLE OF INVENTION: INFLUENZA VIRUS ENDONUCLEASE  
; NUMBER OF SEQUENCES: 5  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Ms. Joanne J. Gieser  
; STREET: 126 E. Lincoln Avenue, P.O. Box 2000-0907  
; CITY: Rahway  
; STATE: New Jersey  
; COUNTRY: USA  
; ZIP: 07065

COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patentin Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/487,759  
; FILING DATE:  
; CLASSIFICATION: 435  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Gieser, Joanne M.  
; REGISTRATION NUMBER: 32,838  
; REFERENCE/DOCKET NUMBER: 19393  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (908)-594-3046  
; TELEFAX: (908)-594-4720  
; INFORMATION FOR SEQ ID NO: 1:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 19 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; HYPOTHETICAL: NO  
; ANTI-SENSE: NO  
US-08-487-759-1  
Query Match 1.7%; Score 17; DB 1; Length 19;  
Best Local Similarity 17.6%; Pred. No. 2.3e+02;  
Matches 3; Conservative 14; Mismatches 0; Indels 0; Gaps 0;  
QY 601 TTTTATTTTAAATTT 617  
DB 2 UUUUUUUUUUUUUUU 18  
RESULT 240  
US-08-807-104-1  
; Sequence 1, Application US/08807104  
; Patent No. 5861501  
; GENERAL INFORMATION:  
; APPLICANT: BENSELER, FRITZ  
; APPLICANT: COLE, JAMES L.  
; APPLICANT: OLSEN, DAVID B.  
; APPLICANT: KUO, LAWRENCE C.  
; TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND  
; TITLE OF INVENTION: APTAMERS  
; NUMBER OF SEQUENCES: 21  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: MICHAEL D. YABLONSKY - MERCK & CO., INC.  
; STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000  
; CITY: RAHWAY  
; STATE: NJ  
; COUNTRY: USA  
; ZIP: 07065  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Diskette  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: DOS  
; SOFTWARE: PasteSeq for Windows Version 2.0  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/807,104  
; FILING DATE: 04-FEB-1997  
; CLASSIFICATION: 514  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/480,068  
; FILING DATE: 07-JUN-1995  
; ATTORNEY/AGENT INFORMATION:  
; NAME: YABLONSKY, MICHAEL D  
; REGISTRATION NUMBER: 40,407  
; REFERENCE/DOCKET NUMBER: 19406DA  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 732-594-4678  
; TELEFAX: 732-594-4720

TELEX:  
 INFORMATION FOR SEQ ID NO: 1:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 19 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 MOLECULE TYPE: Genomic RNA  
 FEATURE:  
 NAME/KEY: Modified Base  
 LOCATION: 1...1  
 OTHER INFORMATION:  
 NAME/KEY: Modified Base  
 LOCATION: 1...1  
 OTHER INFORMATION:  
 US-08-807-104-1

Query Match 1.7%; Score 17; DB 1; Length 19;  
 Best Local Similarity 17.6%; Pred. No. 2.3e+02;  
 Matches 3; Conservative 14; Mismatches 0; Indels 0; Gaps 0;

QY 601 TTTTATTTTAAATTT 617  
 Db 2 UUUUUUUUUUUUUUUU 18

RESULT 241

US-08-807-104-4  
 Sequence 4, Application US/08807104  
 Patent No. 5861501  
 GENERAL INFORMATION:  
 APPLICANT: BENSELER, FRITZ  
 APPLICANT: COLE, JAMES L.  
 APPLICANT: OLSEN, DAVID B.  
 APPLICANT: KUO, LAWRENCE C.  
 TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND  
 TITLE OF INVENTION: APTAMERS  
 NUMBER OF SEQUENCES: 21  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: MICHAEL D. YABLONSKY - MERCK & CO., INC.  
 STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000  
 CITY: RAHWAY  
 STATE: NJ  
 COUNTRY: USA  
 ZIP: 07065  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Diskette  
 COMPUTER: IBM Compatible  
 OPERATING SYSTEM: DOS  
 SOFTWARE: FastSeq for Windows Version 2.0  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/807,104  
 FILING DATE: 04-FEB-1997  
 CLASSIFICATION: 514  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: 08/480,068  
 FILING DATE: 07-JUN-1995  
 ATTORNEY/AGENT INFORMATION:  
 NAME: YABLONSKY, MICHAEL D  
 REGISTRATION NUMBER: 40,407  
 REFERENCE/DOCKET NUMBER: 19406DA  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: 732-594-4678  
 TELEFAX: 732-594-4720  
 TELEX:  
 INFORMATION FOR SEQ ID NO: 4:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 19 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 MOLECULE TYPE: Genomic RNA  
 FEATURE:

NAME/KEY: Modified Base  
 LOCATION: 1...1  
 OTHER INFORMATION:  
 NAME/KEY: Modified Base  
 LOCATION: 1...1  
 OTHER INFORMATION:  
 US-08-807-104-4

Query Match 1.7%; Score 17; DB 1; Length 19;  
 Best Local Similarity 17.6%; Pred. No. 2.3e+02;  
 Matches 3; Conservative 14; Mismatches 0; Indels 0; Gaps 0;

QY 601 TTTTATTTTAAATTT 617  
 Db 2 UUUUUUUUUUUUUUUU 18

RESULT 242

US-08-807-104-6  
 Sequence 6, Application US/08807104  
 Patent No. 5861501  
 GENERAL INFORMATION:  
 APPLICANT: BENSELER, FRITZ  
 APPLICANT: COLE, JAMES L.  
 APPLICANT: OLSEN, DAVID B.  
 APPLICANT: KUO, LAWRENCE C.  
 TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND  
 TITLE OF INVENTION: APTAMERS  
 NUMBER OF SEQUENCES: 21  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: MICHAEL D. YABLONSKY - MERCK & CO., INC.  
 STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000  
 CITY: RAHWAY  
 STATE: NJ  
 COUNTRY: USA  
 ZIP: 07065  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Diskette  
 COMPUTER: IBM Compatible  
 OPERATING SYSTEM: DOS  
 SOFTWARE: FastSeq for Windows Version 2.0  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/807,104  
 FILING DATE: 04-FEB-1997  
 CLASSIFICATION: 514  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: 08/480,068  
 FILING DATE: 07-JUN-1995  
 ATTORNEY/AGENT INFORMATION:  
 NAME: YABLONSKY, MICHAEL D  
 REGISTRATION NUMBER: 40,407  
 REFERENCE/DOCKET NUMBER: 19406DA  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: 732-594-4678  
 TELEFAX: 732-594-4720  
 TELEX:  
 INFORMATION FOR SEQ ID NO: 6:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 19 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 MOLECULE TYPE: Genomic RNA  
 FEATURE:  
 NAME/KEY: Modified Base  
 LOCATION: 1...1  
 OTHER INFORMATION:  
 NAME/KEY: Modified Base  
 LOCATION: 1...1  
 OTHER INFORMATION:  
 NAME/KEY: Modified Base  
 LOCATION: 13...13  
 OTHER INFORMATION:

US-08-807-104-6

Query Match 1.7%; Score 17; DB 1; Length 19;

Best Local Similarity 17.6%; Pred. No. 2.3e+02; Mismatches 0; Indels 0; Gaps 0;

QY 601 TTTTATTTTATTTT 617

Db 2 UUUUUAUUUUUAUUUU 18

RESULT 243

US-08-807-104-7

; Sequence 7, Application US/08807104

; Patent No. 5861501

; GENERAL INFORMATION:

; APPLICANT: BENSELER, FRITZ

; APPLICANT: COLE, JAMES L.

; APPLICANT: OLSEN, DAVID B.

; APPLICANT: KUO, LAWRENCE C.

; TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND

; TITLE OF INVENTION: APTAMERS

; NUMBER OF SEQUENCES: 21

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: MICHAEL D. YABLONSKY - MERCK &amp; CO., INC.

; STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000

; CITY: RAHWAY

; STATE: NJ

; COUNTRY: USA

; ZIP: 07065

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Diskette

; COMPUTER: IBM Compatible

; OPERATING SYSTEM: DOS

; SOFTWARE: FASTSEQ for Windows Version 2.0

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/807,104

; FILING DATE: 04-FEB-1997

; CLASSIFICATION: 514

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 08/480,068

; FILING DATE: 07-JUN-1995

; ATTORNEY/AGENT INFORMATION:

; NAME: YABLONSKY, MICHAEL D

; REGISTRATION NUMBER: 40,407

; REFERENCE/DOCKET NUMBER: 19406DA

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: 732-594-4678

; TELEFAX: 732-594-4720

; TELEX:

; INFORMATION FOR SEQ ID NO: 7:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 19 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

; MOLECULE TYPE: Genomic RNA

; FEATURE:

; NAME/KEY: Modified Base

; LOCATION: 1...1

; OTHER INFORMATION:

; NAME/KEY: Modified Base

; LOCATION: 1...1

; OTHER INFORMATION:

; NAME/KEY: Modified Base

; LOCATION: 13...13

; OTHER INFORMATION:

; US-08-807-104-7

Query Match

Best Local Similarity 1.7%; Score 17; DB 1; Length 19;

Matches 3; Conservative 14; Mismatches 0; Indels 0; Gaps 0;

QY 601 TTTTATTTTATTTT 617

Db 2 UUUUUAUUUUUAUUUU 18

RESULT 244

US-08-807-104-8

; Sequence 8, Application US/08807104

; Patent No. 5861501

; GENERAL INFORMATION:

; APPLICANT: BENSELER, FRITZ

; APPLICANT: COLE, JAMES L.

; APPLICANT: OLSEN, DAVID B.

; APPLICANT: KUO, LAWRENCE C.

; TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND

; TITLE OF INVENTION: APTAMERS

; NUMBER OF SEQUENCES: 21

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: MICHAEL D. YABLONSKY - MERCK &amp; CO., INC.

; STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000

; CITY: RAHWAY

; STATE: NJ

; COUNTRY: USA

; ZIP: 07065

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Diskette

; COMPUTER: IBM Compatible

; OPERATING SYSTEM: DOS

; SOFTWARE: FASTSEQ for Windows Version 2.0

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/807,104

; FILING DATE: 04-FEB-1997

; CLASSIFICATION: 514

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 08/480,068

; FILING DATE: 07-JUN-1995

; ATTORNEY/AGENT INFORMATION:

; NAME: YABLONSKY, MICHAEL D

; REGISTRATION NUMBER: 40,407

; REFERENCE/DOCKET NUMBER: 19406DA

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: 732-594-4678

; TELEFAX: 732-594-4720

; TELEX:

; INFORMATION FOR SEQ ID NO: 8:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 19 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

; MOLECULE TYPE: Genomic RNA

; FEATURE:

; NAME/KEY: Modified Base

; LOCATION: 1...1

; OTHER INFORMATION:

; NAME/KEY: Modified Base

; LOCATION: 1...1

; OTHER INFORMATION:

; NAME/KEY: Modified Base

; LOCATION: 6...6

; OTHER INFORMATION:

; US-08-807-104-8

Query Match

Best Local Similarity 1.7%; Score 17; DB 1; Length 19;

Matches 3; Conservative 14; Mismatches 0; Indels 0; Gaps 0;

QY 601 TTTTATTTTATTTT 617

Db 2 UUUUUAUUUUUAUUUU 18

RESULT 245



US-08-807-104-9  
Sequence 9, Application US/08807104  
Patent No. 5861501  
GENERAL INFORMATION:  
APPLICANT: BENSELER, FRITZ  
APPLICANT: COLE, JAMES L.  
APPLICANT: OLSEN, DAVID B.  
APPLICANT: KUO, LAWRENCE C.  
TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND  
NUMBER OF SEQUENCES: 21  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: MICHAEL D. YABLONSKY - MERCK & CO., INC.  
STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000  
CITY: RAHWAY  
STATE: NJ  
COUNTRY: USA  
ZIP: 07065  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FASTSEQ for Windows Version 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/807,104  
FILING DATE: 04-FEB-1997  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/480,068  
FILING DATE: 07-JUN-1995  
ATTORNEY/AGENT INFORMATION:  
NAME: YABLONSKY, MICHAEL D  
REGISTRATION NUMBER: 40,407  
REFERENCE/DOCKET NUMBER: 19406DA  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 732-594-4678  
TELEFAX: 732-594-4720  
TELEX:  
INFORMATION FOR SEQ ID NO: 9:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: Genomic RNA  
FEATURE:  
NAME/KEY: Modified Base  
LOCATION: 1...1  
OTHER INFORMATION:  
NAME/KEY: Modified Base  
LOCATION: 1...1  
OTHER INFORMATION:  
NAME/KEY: Modified Base  
LOCATION: 6...6  
OTHER INFORMATION:  
US-08-807-104-9

Query Match 1.7%; Score 17; DB 1; Length 19;  
Best Local Similarity 17.6%; Pred. No. 2.3e+02;  
Matches 3; Conservative 14; Mismatches 0; Indels 0; Gaps 0;

Oy 601 TTTTATTTTAAATTT 617  
Db 2 UUUUUUUUUUAUUUU 18

RESULT 246  
US-08-807-104-10  
Sequence 10, Application US/08807104  
Patent No. 5861501  
GENERAL INFORMATION:  
APPLICANT: BENSELER, FRITZ  
APPLICANT: COLE, JAMES L.

APPLICANT: OLSEN, DAVID B.  
APPLICANT: KUO, LAWRENCE C.  
TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND  
NUMBER OF SEQUENCES: 21  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: MICHAEL D. YABLONSKY - MERCK & CO., INC.  
STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000  
CITY: RAHWAY  
STATE: NJ  
COUNTRY: USA  
ZIP: 07065  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FASTSEQ for Windows Version 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/807,104  
FILING DATE: 04-FEB-1997  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/480,068  
FILING DATE: 07-JUN-1995  
ATTORNEY/AGENT INFORMATION:  
NAME: YABLONSKY, MICHAEL D  
REGISTRATION NUMBER: 40,407  
REFERENCE/DOCKET NUMBER: 19406DA  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 732-594-4678  
TELEFAX: 732-594-4720  
TELEX:  
INFORMATION FOR SEQ ID NO: 10:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: Genomic RNA  
FEATURE:  
NAME/KEY: Modified Base  
LOCATION: 1...1  
OTHER INFORMATION:  
NAME/KEY: Modified Base  
LOCATION: 1...1  
OTHER INFORMATION:  
NAME/KEY: Modified Base  
LOCATION: 19...19  
OTHER INFORMATION:  
US-08-807-104-10

Query Match 1.7%; Score 17; DB 1; Length 19;  
Best Local Similarity 17.6%; Pred. No. 2.3e+02;  
Matches 3; Conservative 14; Mismatches 0; Indels 0; Gaps 0;

Oy 601 TTTTATTTTAAATTT 617  
Db 2 UUUUUUUUUUAUUUU 18

RESULT 247  
US-08-807-104-13  
Sequence 13, Application US/08807104  
Patent No. 5861501  
GENERAL INFORMATION:  
APPLICANT: BENSELER, FRITZ  
APPLICANT: COLE, JAMES L.  
APPLICANT: OLSEN, DAVID B.  
APPLICANT: KUO, LAWRENCE C.  
TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND  
NUMBER OF SEQUENCES: 21  
CORRESPONDENCE ADDRESS:

ADDRESSEE: MICHAEL D. YABLONSKY - MERCK & CO., INC.  
STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000  
CITY: RAHWAY  
STATE: NJ  
COUNTRY: USA  
ZIP: 07065  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FastSeq for Windows Version 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/807,104  
FILING DATE: 04-FEB-1997  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/480,068  
FILING DATE: 07-JUN-1995  
ATTORNEY/AGENT INFORMATION:  
NAME: YABLONSKY, MICHAEL D  
REGISTRATION NUMBER: 40,407  
REFERENCE/DOCKET NUMBER: 19406DA  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 732-594-4678  
TELEFAX: 732-594-4720  
TELEX:  
INFORMATION FOR SEQ ID NO: 13:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: Genomic RNA  
FEATURE:  
NAME/KEY: Modified Base  
LOCATION: 1...1  
OTHER INFORMATION:  
US-08-807-104-13  
Query Match 1.7%; Score 17; DB 1; Length 19;  
Best Local Similarity 17.6%; Pred. No. 2.3e+02;  
Matches 3; Conservative 14; Mismatches 0; Indels 0; Gaps 0;  
QY 601 TTTTATTTTATTTT 617  
DB 2 UUUUUUUUUUUUUUU 18  
RESULT 248  
US-08-807-104-14  
Sequence 14, Application US/08807104  
Patent No. 5861501  
GENERAL INFORMATION:  
APPLICANT: BENSELER, FRITZ  
APPLICANT: COLE, JAMES L.  
APPLICANT: OLSEN, DAVID B.  
APPLICANT: KUO, LAWRENCE C.  
TITLE OF INVENTION: CAPBED SYNTHETIC RNA, ANALOGS, AND  
NUMBER OF SEQUENCES: 21  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: MICHAEL D. YABLONSKY - MERCK & CO., INC.  
STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000  
CITY: RAHWAY  
STATE: NJ  
COUNTRY: USA  
ZIP: 07065  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FastSeq for Windows Version 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: 08/480,068  
FILING DATE: 07-JUN-1995

APPLICATION NUMBER: US/08/807,104  
FILING DATE: 04-FEB-1997  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/480,068  
FILING DATE: 07-JUN-1995  
ATTORNEY/AGENT INFORMATION:  
NAME: YABLONSKY, MICHAEL D  
REGISTRATION NUMBER: 40,407  
REFERENCE/DOCKET NUMBER: 19406DA  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 732-594-4678  
TELEFAX: 732-594-4720  
TELEX:  
INFORMATION FOR SEQ ID NO: 14:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: Genomic RNA  
FEATURE:  
NAME/KEY: Modified Base  
LOCATION: 1...1  
OTHER INFORMATION:  
NAME/KEY: Modified Base  
LOCATION: 1...1  
OTHER INFORMATION:  
NAME/KEY: Modified Base  
LOCATION: 2...2  
OTHER INFORMATION:  
US-08-807-104-14  
Query Match 1.7%; Score 17; DB 1; Length 19;  
Best Local Similarity 17.6%; Pred. No. 2.3e+02;  
Matches 3; Conservative 14; Mismatches 0; Indels 0; Gaps 0;  
QY 601 TTTTATTTTATTTT 617  
DB 2 UUUUUUUUUUUUUUU 18  
RESULT 249  
US-08-807-104-15  
Sequence 15, Application US/08807104  
Patent No. 5861501  
GENERAL INFORMATION:  
APPLICANT: BENSELER, FRITZ  
APPLICANT: COLE, JAMES L.  
APPLICANT: OLSEN, DAVID B.  
APPLICANT: KUO, LAWRENCE C.  
TITLE OF INVENTION: CAPBED SYNTHETIC RNA, ANALOGS, AND  
NUMBER OF SEQUENCES: 21  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: MICHAEL D. YABLONSKY - MERCK & CO., INC.  
STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000  
CITY: RAHWAY  
STATE: NJ  
COUNTRY: USA  
ZIP: 07065  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FastSeq for Windows Version 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/807,104  
FILING DATE: 04-FEB-1997  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/480,068  
FILING DATE: 07-JUN-1995

ATTORNEY/AGENT INFORMATION:  
NAME: YABLONSKY, MICHAEL D  
REGISTRATION NUMBER: 40,407  
REFERENCE/DOCKET NUMBER: 19406DA  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 732-594-4678  
TELEFAX: 732-594-4720  
TELEX:  
INFORMATION FOR SEQ ID NO: 15:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: Genomic RNA  
FEATURE:  
NAME/KEY: Modified Base  
LOCATION: 1...1  
OTHER INFORMATION:  
NAME/KEY: Modified Base  
LOCATION: 1...1  
OTHER INFORMATION:  
NAME/KEY: Modified Base  
LOCATION: 13...13  
OTHER INFORMATION:  
US-08-807-104-15

Query Match 1.7%; Score 17; DB 1; Length 19;  
Best Local Similarity 17.6%; Pred. No. 2.3e+02;  
Matches 3; Conservative 14; Mismatches 0; Indels 0; Gaps 0;

Qy 601 TTTTATTTTAAATTT 617  
Db 2 UUUUUUUUUUUUUUU 18

RESULT 250  
US-08-807-104-16  
Sequence 16, Application US/08807104  
Patent No. 5861501  
GENERAL INFORMATION:  
APPLICANT: BENSELER, FRITZ  
APPLICANT: COLE, JAMES L.  
APPLICANT: OLSEN, DAVID B.  
APPLICANT: KUO, LAWRENCE C.  
TITLE OF INVENTION: CAPRED SYNTHETIC RNA, ANALOGS, AND  
TITLE OF INVENTION: APTAMERS  
NUMBER OF SEQUENCES: 21  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: MICHAEL D. YABLONSKY - MERCK & CO., INC.  
STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000  
CITY: RAHWAY  
STATE: NJ  
COUNTRY: USA  
ZIP: 07065  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FastSeq for Windows Version 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/807,104  
FILING DATE: 04-FEB-1997  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/480,068  
FILING DATE: 07-JUN-1995  
ATTORNEY/AGENT INFORMATION:  
NAME: YABLONSKY, MICHAEL D  
REGISTRATION NUMBER: 40,407  
REFERENCE/DOCKET NUMBER: 19406DA  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 732-594-4678

TELEFAX: 732-594-4720  
TELEX:  
INFORMATION FOR SEQ ID NO: 16:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: Genomic RNA  
FEATURE:  
NAME/KEY: Modified Base  
LOCATION: 1...1  
OTHER INFORMATION:  
NAME/KEY: Modified Base  
LOCATION: 1...1  
OTHER INFORMATION:  
NAME/KEY: Modified Base  
LOCATION: 12...12  
OTHER INFORMATION:  
US-08-807-104-16

Query Match 1.7%; Score 17; DB 1; Length 19;  
Best Local Similarity 17.6%; Pred. No. 2.3e+02;  
Matches 3; Conservative 14; Mismatches 0; Indels 0; Gaps 0;

Qy 601 TTTTATTTTAAATTT 617  
Db 2 UUUUUUUUUUUUUUU 18

RESULT 251  
US-08-670-479-12/C  
Sequence 12, Application US/08670479  
Patent No. 5973133  
GENERAL INFORMATION:  
APPLICANT: Hardy, John A.  
APPLICANT: Goate, Alison M.  
TITLE OF INVENTION: MUTANT S182 GENES  
NUMBER OF SEQUENCES: 24  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: SmithKline Beecham Corporation  
STREET: 709 Swedeland Road  
CITY: King of Prussia  
STATE: PA  
COUNTRY: U.S.A.  
ZIP: 19406-0939  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FastSeq Version 1.5  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/670,479  
FILING DATE: 26-JUN-1996  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/001,500  
FILING DATE: 18-JUL-1996  
APPLICATION NUMBER: 60/001,800  
FILING DATE: 02-AUG-1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Han, William T  
REGISTRATION NUMBER: 34,344  
REFERENCE/DOCKET NUMBER: P50361  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 610-270-5219  
TELEFAX: 610-270-5090  
TELEX:  
INFORMATION FOR SEQ ID NO: 12:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single

TOPOLOGY: linear  
MOLECULE TYPE: cDNA  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
FRAGMENT TYPE:  
ORIGINAL SOURCE:  
US-08-670-479-12

Query Match 1.7%; Score 17; DB 1; Length 19;  
Best Local Similarity 73.7%; Pred. No. 2.3e+02;  
Matches 14; Conservative 5; Mismatches 0; Indels 0; Gaps 0;

QY 651 GGAGTGCAGTGGCGCATC 669  
DB 19 GGAGTGCAGTGGCGCATC 1

RESULT 252  
US-08-973-139-1  
Sequence 1, Application US/08973139  
Patent No. 6100028  
GENERAL INFORMATION:  
APPLICANT: Cole, James L.  
APPLICANT: Olsen, David B.  
APPLICANT: Kuo, Lawrence C.  
TITLE OF INVENTION: DNA POLYMERASE EXTENSION ASSAY  
NUMBER OF SEQUENCES: 5  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Ms. Joanne J. Giesser  
STREET: 126 E. Lincoln Avenue, P.O. Box 2000-0907  
CITY: Rahway  
STATE: New Jersey  
COUNTRY: USA  
ZIP: 07065  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/973,139  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/08/487,760  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Giesser, Joanne M.  
REGISTRATION NUMBER: 32,838  
REFERENCE/DOCKET NUMBER: 19398  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (908)-594-3046  
TELEFAX: (908)-594-4720  
INFORMATION FOR SEQ ID NO: 1:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
US-08-973-139-1

Query Match 1.7%; Score 17; DB 1; Length 19;  
Best Local Similarity 17.6%; Pred. No. 2.3e+02;  
Matches 3; Conservative 14; Mismatches 0; Indels 0; Gaps 0;

QY 601 TTTTATTTTATTTT 617  
DB 2 UUUUUAUUUUUAUUUU 18

RESULT 253

US-08-480-068-1  
Sequence 1, Application US/08480068  
Patent No. 611095  
GENERAL INFORMATION:  
APPLICANT: BENSELER, FRITZ  
APPLICANT: COLE, JAMES L.  
APPLICANT: OLSEN, DAVID B.  
APPLICANT: KUO, LAWRENCE C.  
TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND APTAMERS  
NUMBER OF SEQUENCES: 21  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: JOANNE M. GIESSEER - MERCK & CO., INC.  
STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000  
CITY: RAHWAY  
STATE: NJ  
COUNTRY: US  
ZIP: 07065-0907  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FastSeq Version 1.5  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/480,068  
FILING DATE: 07-JUN-1995  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER:  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: GIESSEER, JOANNE M.  
REGISTRATION NUMBER: 32,838  
REFERENCE/DOCKET NUMBER: 19406  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 908-594-3046  
TELEFAX: 908-594-4720  
TELEX:  
INFORMATION FOR SEQ ID NO: 1:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: Genomic RNA  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
FRAGMENT TYPE:  
ORIGINAL SOURCE:  
FEATURE:  
NAME/KEY: Modified Base  
LOCATION: 1...1  
OTHER INFORMATION:  
NAME/KEY: Modified Base  
LOCATION: 1...1  
OTHER INFORMATION:  
US-08-480-068-1

Query Match 1.7%; Score 17; DB 1; Length 19;  
Best Local Similarity 17.6%; Pred. No. 2.3e+02;  
Matches 3; Conservative 14; Mismatches 0; Indels 0; Gaps 0;

QY 601 TTTTATTTTATTTT 617  
DB 2 UUUUUAUUUUUAUUUU 18

RESULT 254  
US-08-480-068-4  
Sequence 4, Application US/08480068  
Patent No. 611095  
GENERAL INFORMATION:  
APPLICANT: BENSELER, FRITZ  
APPLICANT: COLE, JAMES L.

```

; APPLICANT: OLSEN, DAVID B.
; APPLICANT: KUO, LAWRENCE C.
; TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND APTAMERS
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: JOANNE M. GIESSEY - MERCK & CO., INC.
; STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000
; CITY: RAHWAY
; STATE: NJ
; COUNTRY: US
; ZIP: 07065-0907
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; OPERATING SYSTEM: DOS
; SOFTWARE: FASTSEQ Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/480,068
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: GIESSEY, JOANNE M
; REGISTRATION NUMBER: 32,838
; REFERENCE/DOCKET NUMBER: 19406
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 908-594-3046
; TELEFAX: 908-594-4720
; TELEX:
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Genomic RNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; FRAGMENT TYPE:
; ORIGINAL SOURCE:
; FEATURE:
; NAME/KEY: Modified Base
; LOCATION: 1...1
; OTHER INFORMATION:
; NAME/KEY: Modified Base
; LOCATION: 1...1
; OTHER INFORMATION:
; US-08-480-068-4

Query Match 1.7%; Score 17; DB 1; Length 19;
Best Local Similarity 17.6%; Pred. No. 2.3e+02;
Matches 3; Conservative 14; Mismatches 0; Indels 0; Gaps 0;

Oy 601 TTTTATTTTAAATTT 617
Db 2 UUUUUUUUUUUUUUUU 18

RESULT 255
US-08-480-068-6
; Sequence 6, Application US/08480068
; Patent No. 6111095
; GENERAL INFORMATION:
; APPLICANT: BENSETLER, FRITZ
; APPLICANT: COLE, JAMES L.
; APPLICANT: OLSEN, DAVID B.
; APPLICANT: KUO, LAWRENCE C.
; TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND APTAMERS
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: JOANNE M. GIESSEY - MERCK & CO., INC.
; STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000
; CITY: RAHWAY
; STATE: NJ
```

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; STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000
; CITY: RAHWAY
; STATE: NJ
; COUNTRY: US
; ZIP: 07065-0907
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; OPERATING SYSTEM: DOS
; SOFTWARE: FASTSEQ Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/480,068
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: GIESSEY, JOANNE M
; REGISTRATION NUMBER: 32,838
; REFERENCE/DOCKET NUMBER: 19406
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 908-594-3046
; TELEFAX: 908-594-4720
; TELEX:
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Genomic RNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; FRAGMENT TYPE:
; ORIGINAL SOURCE:
; FEATURE:
; NAME/KEY: Modified Base
; LOCATION: 1...1
; OTHER INFORMATION:
; NAME/KEY: Modified Base
; LOCATION: 1...1
; OTHER INFORMATION:
; NAME/KEY: Modified Base
; LOCATION: 13...13
; OTHER INFORMATION:
; US-08-480-068-6

Query Match 1.7%; Score 17; DB 1; Length 19;
Best Local Similarity 17.6%; Pred. No. 2.3e+02;
Matches 3; Conservative 14; Mismatches 0; Indels 0; Gaps 0;

Oy 601 TTTTATTTTAAATTT 617
Db 2 UUUUUUUUUUUUUUUU 18

RESULT 256
US-08-480-068-7
; Sequence 7, Application US/08480068
; Patent No. 6111095
; GENERAL INFORMATION:
; APPLICANT: BENSETLER, FRITZ
; APPLICANT: COLE, JAMES L.
; APPLICANT: OLSEN, DAVID B.
; APPLICANT: KUO, LAWRENCE C.
; TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND APTAMERS
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: JOANNE M. GIESSEY - MERCK & CO., INC.
; STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000
; CITY: RAHWAY
; STATE: NJ
```

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/
/ COUNTRY: US
/ ZIP: 07065-0907
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Diskette
/ OPERATING SYSTEM: DOS
/ SOFTWARE: FASTSEQ Version 1.5
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/480,068
/ FILING DATE: 07-JUN-1995
/ CLASSIFICATION: 514
/ PRIORITY APPLICATION DATA:
/ APPLICATION NUMBER:
/ FILING DATE:
/ ATTORNEY/AGENT INFORMATION:
/ NAME: GIESSER, JOANNE M
/ REGISTRATION NUMBER: 32,838
/ REFERENCE/DOCKET NUMBER: 19406
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 908-594-3046
/ TELEFAX: 908-594-4720
/ TELEX:
/ INFORMATION FOR SEQ ID NO: 7:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 19 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: Genomic RNA
/ HYPOTHETICAL: NO
/ ANTI-SENSE: NO
/ FRAGMENT TYPE:
/ ORIGINAL SOURCE:
/ FEATURE:
/ NAME/KEY: Modified Base
/ LOCATION: 1...1
/ OTHER INFORMATION:
/ NAME/KEY: Modified Base
/ LOCATION: 1...1
/ OTHER INFORMATION:
/ NAME/KEY: Modified Base
/ LOCATION: 13...13
/ OTHER INFORMATION:
/ US-08-480-068-7

Query Match 1.7%; Score 17; DB 1; Length 19;
Best Local Similarity 17.6%; Pred. No. 2.3e+02;
Matches 3; Conservative 14; Mismatches 0; Indels 0; Gaps 0;

QY 601 TTTTATTTTATTTT 617
Db 2 UUUUAAUUUUAAUUUU 18

RESULT 257
US-08-480-068-8
/ Sequence 8, Application US/08480068
/ Patent No. 611095
/ GENERAL INFORMATION:
/ APPLICANT: BENSELER, FRITZ
/ APPLICANT: COLE, JAMES L.
/ APPLICANT: OLSEN, DAVID B.
/ APPLICANT: KUO, LAWRENCE C.
/ TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND APTAMERS
/ NUMBER OF SEQUENCES: 21
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: JOANNE M. GIESSER - MERCK & CO., INC.
/ STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000
/ CITY: RAHWAY
/ STATE: NJ
/ COUNTRY: US
/ ZIP: 07065-0907
/ COMPUTER READABLE FORM:
/
```

```
/
/ MEDIUM TYPE: Diskette
/ COMPUTER: IBM Compatible
/ OPERATING SYSTEM: DOS
/ SOFTWARE: FASTSEQ Version 1.5
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/480,068
/ FILING DATE: 07-JUN-1995
/ CLASSIFICATION: 514
/ PRIORITY APPLICATION DATA:
/ APPLICATION NUMBER:
/ FILING DATE:
/ ATTORNEY/AGENT INFORMATION:
/ NAME: GIESSER, JOANNE M
/ REGISTRATION NUMBER: 32,838
/ REFERENCE/DOCKET NUMBER: 19406
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 908-594-3046
/ TELEFAX: 908-594-4720
/ TELEX:
/ INFORMATION FOR SEQ ID NO: 8:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 19 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: Genomic RNA
/ HYPOTHETICAL: NO
/ ANTI-SENSE: NO
/ FRAGMENT TYPE:
/ ORIGINAL SOURCE:
/ FEATURE:
/ NAME/KEY: Modified Base
/ LOCATION: 1...1
/ OTHER INFORMATION:
/ NAME/KEY: Modified Base
/ LOCATION: 1...1
/ OTHER INFORMATION:
/ NAME/KEY: Modified Base
/ LOCATION: 6...6
/ OTHER INFORMATION:
/ US-08-480-068-8

Query Match 1.7%; Score 17; DB 1; Length 19;
Best Local Similarity 17.6%; Pred. No. 2.3e+02;
Matches 3; Conservative 14; Mismatches 0; Indels 0; Gaps 0;

QY 601 TTTTATTTTATTTT 617
Db 2 UUUUAAUUUUAAUUUU 18

RESULT 258
US-08-480-068-9
/ Sequence 9, Application US/08480068
/ Patent No. 611095
/ GENERAL INFORMATION:
/ APPLICANT: BENSELER, FRITZ
/ APPLICANT: COLE, JAMES L.
/ APPLICANT: OLSEN, DAVID B.
/ APPLICANT: KUO, LAWRENCE C.
/ TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND APTAMERS
/ NUMBER OF SEQUENCES: 21
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: JOANNE M. GIESSER - MERCK & CO., INC.
/ STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000
/ CITY: RAHWAY
/ STATE: NJ
/ COUNTRY: US
/ ZIP: 07065-0907
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Diskette
/ COMPUTER: IBM Compatible
/ OPERATING SYSTEM: DOS
/
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SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/480,068
FILING DATE: 07-JUN-1995
CLASSIFICATION: 514
PRIOR APPLICATION NUMBER:
ATTORNEY/AGENT INFORMATION:
NAME: GIESSEY, JOANNE M
REGISTRATION NUMBER: 32,838
REFERENCE/DOCKET NUMBER: 19406
TELECOMMUNICATION INFORMATION:
TELEPHONE: 908-594-3046
TELEFAX: 908-594-4720
TELEX:
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: Genomic RNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
FRAGMENT TYPE:
ORIGINAL SOURCE:
FEATURE:
NAME/KEY: Modified Base
LOCATION: 1...1
OTHER INFORMATION:
NAME/KEY: Modified Base
LOCATION: 1...1
OTHER INFORMATION:
NAME/KEY: Modified Base
LOCATION: 6...6
OTHER INFORMATION:
US-08-480-068-9

Query Match      1.7%; Score 17; DB 1; Length 19;
Best Local Similarity 17.6%; Pred. No. 2.3e+02;
Matches 3; Conservative 14; Mismatches 0; Indels 0; Gaps 0;

QY      601 TTTTATTTTAAATTT 617
      Db      2 UUUUUUUUUUUUUUU 18

RESULT 259
US-08-480-068-10
Sequence 10, Application US/08480068
Patent No. 6111095
GENERAL INFORMATION:
APPLICANT: BENSLER, FRITZ
APPLICANT: COLE, JAMES L.
APPLICANT: OLSEN, DAVID B.
APPLICANT: KUO, LAWRENCE C.
TITLE OF INVENTION: CAPED SYNTHETIC RNA, ANALOGS, AND APTAMERS
NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESSES:
ADDRESS: JOANNE M. GIESSEY - MERCK & CO., INC.
STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000
CITY: RAHWAY
STATE: NJ
COUNTRY: US
ZIP: 07065-0907
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/480,068
```

```
FILING DATE: 07-JUN-1995
CLASSIFICATION: 514
PRIOR APPLICATION NUMBER:
ATTORNEY/AGENT INFORMATION:
NAME: GIESSEY, JOANNE M
REGISTRATION NUMBER: 32,838
REFERENCE/DOCKET NUMBER: 19406
TELECOMMUNICATION INFORMATION:
TELEPHONE: 908-594-3046
TELEFAX: 908-594-4720
TELEX:
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: Genomic RNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
FRAGMENT TYPE:
ORIGINAL SOURCE:
FEATURE:
NAME/KEY: Modified Base
LOCATION: 1...1
OTHER INFORMATION:
NAME/KEY: Modified Base
LOCATION: 1...1
OTHER INFORMATION:
NAME/KEY: Modified Base
LOCATION: 19...19
OTHER INFORMATION:
US-08-480-068-10

Query Match      1.7%; Score 17; DB 1; Length 19;
Best Local Similarity 17.6%; Pred. No. 2.3e+02;
Matches 3; Conservative 14; Mismatches 0; Indels 0; Gaps 0;

QY      601 TTTTATTTTAAATTT 617
      Db      2 UUUUUUUUUUUUUUU 18

RESULT 260
US-08-480-068-13
Sequence 13, Application US/08480068
Patent No. 6111095
GENERAL INFORMATION:
APPLICANT: BENSLER, FRITZ
APPLICANT: COLE, JAMES L.
APPLICANT: OLSEN, DAVID B.
APPLICANT: KUO, LAWRENCE C.
TITLE OF INVENTION: CAPED SYNTHETIC RNA, ANALOGS, AND APTAMERS
NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESSES:
ADDRESS: JOANNE M. GIESSEY - MERCK & CO., INC.
STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000
CITY: RAHWAY
STATE: NJ
COUNTRY: US
ZIP: 07065-0907
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/480,068
FILING DATE: 07-JUN-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
```





LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: Genomic RNA  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
FRAGMENT TYPE:  
ORIGINAL SOURCE:  
FEATURE:  
NAME/KEY: Modified Base  
LOCATION: 1...1  
OTHER INFORMATION:  
NAME/KEY: Modified Base  
LOCATION: 1...1  
OTHER INFORMATION:  
NAME/KEY: Modified Base  
LOCATION: 13...13  
OTHER INFORMATION:  
US-08-480-068-15

Query Match 1.7%; Score 17; DB 1; Length 19;  
Best Local Similarity 17.6%; Pred. No. 2.3e+02;  
Matches 3; Conservative 14; Mismatches 0; Indels 0; Gaps 0;

OY 601 TTTTATTTTAAATTT 617  
Db 2 UUUUUUUUUUUUUUU 18

RESULT 263  
US-08-480-068-16  
Sequence 16, Application US/08480068  
Patent No. 611095  
GENERAL INFORMATION:  
APPLICANT: BENSELER, FRITZ  
APPLICANT: COLE, JAMES L.  
APPLICANT: OLSEN, DAVID B.  
APPLICANT: KUO, LAWRENCE C.  
TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND APTAMERS  
NUMBER OF SEQUENCES: 21  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: JOANNE M. GIESSEER - MERCK & CO., INC.  
STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000  
CITY: RAHWAY  
STATE: NJ  
COUNTRY: US  
ZIP: 07065-0907  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FastSeq Version 1.5  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/480.068  
FILING DATE: 07-JUN-1995  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER:  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: GIESSEER, JOANNE M  
REGISTRATION NUMBER: 32,838  
REFERENCE/DOCKET NUMBER: 19406  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 908-594-3046  
TELEFAX: 908-594-4720  
TELEX:  
INFORMATION FOR SEQ ID NO: 16:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single

TOPOLOGY: linear  
MOLECULE TYPE: Genomic RNA  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
FRAGMENT TYPE:  
ORIGINAL SOURCE:  
FEATURE:  
NAME/KEY: Modified Base  
LOCATION: 1...1  
OTHER INFORMATION:  
NAME/KEY: Modified Base  
LOCATION: 1...1  
OTHER INFORMATION:  
NAME/KEY: Modified Base  
LOCATION: 12...12  
OTHER INFORMATION:  
US-08-480-068-16

Query Match 1.7%; Score 17; DB 1; Length 19;  
Best Local Similarity 17.6%; Pred. No. 2.3e+02;  
Matches 3; Conservative 14; Mismatches 0; Indels 0; Gaps 0;

OY 601 TTTTATTTTAAATTT 617  
Db 2 UUUUUUUUUUUUUUU 18

RESULT 264  
US-08-973-137-1  
Sequence 1, Application US/08973137  
Patent No. 6369208  
GENERAL INFORMATION:  
APPLICANT: BENSELER, FRITZ  
APPLICANT: COLE, JAMES L.  
APPLICANT: OLSEN, DAVID B.  
APPLICANT: KUO, LAWRENCE C.  
TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND APTAMERS  
NUMBER OF SEQUENCES: 21  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: JOANNE M. GIESSEER - MERCK & CO., INC.  
STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000  
CITY: RAHWAY  
STATE: NJ  
COUNTRY: US  
ZIP: 07065-0907  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FastSeq Version 1.5  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/973.137  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/480.068  
FILING DATE: 07-JUN-1995  
ATTORNEY/AGENT INFORMATION:  
NAME: GIESSEER, JOANNE M  
REGISTRATION NUMBER: 32,838  
REFERENCE/DOCKET NUMBER: 19406  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 908-594-3046  
TELEFAX: 908-594-4720  
TELEX:  
INFORMATION FOR SEQ ID NO: 1:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: Genomic RNA  
HYPOTHETICAL: NO

ANTI-SENSE: NO  
FRAGMENT TYPE:  
ORIGINAL SOURCE:  
FEATURE:  
NAME/KEY: Modified Base  
LOCATION: 1...1  
OTHER INFORMATION:  
NAME/KEY: Modified Base  
LOCATION: 1...1  
OTHER INFORMATION:  
US-08-973-137-1

Query Match 1.7%; Score 17; DB 1; Length 19;  
Best Local Similarity 17.6%; Pred. No. 2.3e+02;  
Matches 3; Conservative 14; Mismatches 0; Indels 0; Gaps 0;

QY 601 TTTTATTTTATTTT 617  
DB 2 UUUUUAUUUUUAUUUU 18

RESULT 265

US-08-973-137-4  
Sequence 4, Application US/08973137  
Patent No. 6369208

GENERAL INFORMATION:  
APPLICANT: BENSELER, FRITZ  
APPLICANT: COLE, JAMES L.  
APPLICANT: OLSEN, DAVID B.  
APPLICANT: KUD, LAWRENCE C.  
TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND APTAMERS  
NUMBER OF SEQUENCES: 21  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: JOANNE M. GIESSEER - MERCK & CO., INC.  
STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000  
CITY: RAHWAY  
STATE: NJ  
COUNTRY: US  
ZIP: 07065-0907

COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FastSeq Version 1.5  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/973,137  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/480,068  
FILING DATE: 07-JUN-1995  
ATTORNEY/AGENT INFORMATION:  
NAME: GIESSEER, JOANNE M.  
REGISTRATION NUMBER: 32,838  
REFERENCE/DOCKET NUMBER: 19406  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 908-594-3046  
TELEFAX: 908-594-4720  
TELEX:

INFORMATION FOR SEQ ID NO: 4:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: Genomic RNA  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
FRAGMENT TYPE:  
ORIGINAL SOURCE:  
FEATURE:  
NAME/KEY: Modified Base  
LOCATION: 1...1

OTHER INFORMATION:  
NAME/KEY: Modified Base  
LOCATION: 1...1  
OTHER INFORMATION:  
US-08-973-137-4

Query Match 1.7%; Score 17; DB 1; Length 19;  
Best Local Similarity 17.6%; Pred. No. 2.3e+02;  
Matches 3; Conservative 14; Mismatches 0; Indels 0; Gaps 0;

QY 601 TTTTATTTTATTTT 617  
DB 2 UUUUUAUUUUUAUUUU 18

RESULT 266

US-08-973-137-6  
Sequence 6, Application US/08973137  
Patent No. 6369208

GENERAL INFORMATION:  
APPLICANT: BENSELER, FRITZ  
APPLICANT: COLE, JAMES L.  
APPLICANT: OLSEN, DAVID B.  
APPLICANT: KUD, LAWRENCE C.  
TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND APTAMERS  
NUMBER OF SEQUENCES: 21  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: JOANNE M. GIESSEER - MERCK & CO., INC.  
STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000  
CITY: RAHWAY  
STATE: NJ  
COUNTRY: US  
ZIP: 07065-0907

COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FastSeq Version 1.5  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/973,137  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/480,068  
FILING DATE: 07-JUN-1995  
ATTORNEY/AGENT INFORMATION:  
NAME: GIESSEER, JOANNE M.  
REGISTRATION NUMBER: 32,838  
REFERENCE/DOCKET NUMBER: 19406  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 908-594-3046  
TELEFAX: 908-594-4720  
TELEX:

INFORMATION FOR SEQ ID NO: 6:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: Genomic RNA  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
FRAGMENT TYPE:  
ORIGINAL SOURCE:  
FEATURE:  
NAME/KEY: Modified Base  
LOCATION: 1...1  
OTHER INFORMATION:  
NAME/KEY: Modified Base  
LOCATION: 1...1  
OTHER INFORMATION:  
NAME/KEY: Modified Base  
LOCATION: 13...13

## OTHER INFORMATION:

US-08-973-137-6

Query Match 1.7%; Score 17; DB 1; Length 19;  
Best Local Similarity 17.6%; Pred. No. 2.3e+02;  
Matches 3; Conservative 14; Mismatches 0; Indels 0; Gaps 0;

QY 601 TTTTATTTTAAATTTT 617

Db 2 UUUUAAUUUUAAUUUU 18

## RESULT 267

US-08-973-137-7  
Sequence 7, Application US/08973137  
Patent No. 6369208  
GENERAL INFORMATION:  
APPLICANT: BENSELER, FRITZ  
APPLICANT: COLE, JAMES L.  
APPLICANT: OLSEN, DAVID B.  
APPLICANT: KUO, LAWRENCE C.  
TITLE OF INVENTION: CAPED SYNTHETIC RNA, ANALOGS, AND APTAMERS  
NUMBER OF SEQUENCES: 21  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: JOANNE M. GIESSER - MERCK & CO., INC.  
STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000  
CITY: RAHWAY  
STATE: NJ

COUNTRY: US  
ZIP: 07065-0907  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
OPERATING SYSTEM: DOS  
SOFTWARE: FASTSEQ Version 1.5  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/973.137  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/480,068  
FILING DATE: 07-JUN-1995  
ATTORNEY/AGENT INFORMATION:  
NAME: GIESSER, JOANNE M  
REGISTRATION NUMBER: 32,838  
REFERENCE/DOCKET NUMBER: 19406  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 908-594-3046  
TELEFAX: 908-594-4720  
TELEX:

## INFORMATION FOR SEQ ID NO: 7:

SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: Genomic RNA  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
FRAGMENT TYPE:  
ORIGINAL SOURCE:  
FEATURE:  
NAME/KEY: Modified Base  
LOCATION: 1...1  
OTHER INFORMATION:  
NAME/KEY: Modified Base  
LOCATION: 1...1  
OTHER INFORMATION:  
NAME/KEY: Modified Base  
LOCATION: 13...13  
OTHER INFORMATION:  
US-08-973-137-7

Query Match 1.7%; Score 17; DB 1; Length 19;  
Best Local Similarity 17.6%; Pred. No. 2.3e+02;  
Matches 3; Conservative 14; Mismatches 0; Indels 0; Gaps 0;

QY 601 TTTTATTTTAAATTTT 617

Db 2 UUUUAAUUUUAAUUUU 18

## RESULT 268

US-08-973-137-8  
Sequence 8, Application US/08973137  
Patent No. 6369208  
GENERAL INFORMATION:  
APPLICANT: BENSELER, FRITZ  
APPLICANT: COLE, JAMES L.  
APPLICANT: OLSEN, DAVID B.  
APPLICANT: KUO, LAWRENCE C.  
TITLE OF INVENTION: CAPED SYNTHETIC RNA, ANALOGS, AND APTAMERS  
NUMBER OF SEQUENCES: 21  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: JOANNE M. GIESSER - MERCK & CO., INC.  
STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000  
CITY: RAHWAY  
STATE: NJ

COUNTRY: US  
ZIP: 07065-0907  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
OPERATING SYSTEM: DOS  
SOFTWARE: FASTSEQ Version 1.5  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/973.137  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/480,068  
FILING DATE: 07-JUN-1995  
ATTORNEY/AGENT INFORMATION:  
NAME: GIESSER, JOANNE M  
REGISTRATION NUMBER: 32,838  
REFERENCE/DOCKET NUMBER: 19406  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 908-594-3046  
TELEFAX: 908-594-4720  
TELEX:

## INFORMATION FOR SEQ ID NO: 8:

SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: Genomic RNA  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
FRAGMENT TYPE:  
ORIGINAL SOURCE:  
FEATURE:  
NAME/KEY: Modified Base  
LOCATION: 1...1  
OTHER INFORMATION:  
NAME/KEY: Modified Base  
LOCATION: 1...1  
OTHER INFORMATION:  
NAME/KEY: Modified Base  
LOCATION: 6...6  
OTHER INFORMATION:  
US-08-973-137-8

Query Match 1.7%; Score 17; DB 1; Length 19;  
Best Local Similarity 17.6%; Pred. No. 2.3e+02;  
Matches 3; Conservative 14; Mismatches 0; Indels 0; Gaps 0;



RESULT 271  
US-08-973-137-13  
Sequence 13, Application US/08973137  
Patent No. 6369208  
GENERAL INFORMATION:  
APPLICANT: BENSELER, FRITZ  
APPLICANT: COLE, JAMES L.  
APPLICANT: OLSEN, DAVID B.  
APPLICANT: KUO, LAWRENCE C.  
TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND APTAMERS  
NUMBER OF SEQUENCES: 21  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: JOANNE M. GIESSER - MERCK & CO., INC.  
STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000  
CITY: RAHWAY  
STATE: NJ  
COUNTRY: US  
ZIP: 07065-0907  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FASTSEQ Version 1.5  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/973,137  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/480,068  
FILING DATE: 07-JUN-1995  
ATTORNEY/AGENT INFORMATION:  
NAME: GIESSER, JOANNE M  
REGISTRATION NUMBER: 32,838  
REFERENCE/DOCKET NUMBER: 19406  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 908-594-3046  
TELEFAX: 908-594-4720  
TELEX:  
INFORMATION FOR SEQ ID NO: 13:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: Genomic RNA  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
FRAGMENT TYPE:  
ORIGINAL SOURCE:  
FEATURE:  
NAME/KEY: Modified Base  
LOCATION: 1...1  
OTHER INFORMATION:  
US-08-973-137-13  
Query Match 1.7%; Score 17; DB 1; Length 19;  
Best Local Similarity 17.6%; Pred. No. 2.3e+02;  
Matches 3; Conservative 14; Mismatches 0; Indels 0; Gaps 0;  
CY 601 TTTTATTTTATTTT 617  
DB 2 UUUUUUUUUUUUUUUU 18

RESULT 272  
US-08-973-137-14  
Sequence 14, Application US/08973137  
Patent No. 6369208  
GENERAL INFORMATION:  
APPLICANT: BENSELER, FRITZ  
APPLICANT: COLE, JAMES L.  
APPLICANT: OLSEN, DAVID B.  
APPLICANT: KUO, LAWRENCE C.

TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND APTAMERS  
NUMBER OF SEQUENCES: 21  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: JOANNE M. GIESSER - MERCK & CO., INC.  
STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000  
CITY: RAHWAY  
STATE: NJ  
COUNTRY: US  
ZIP: 07065-0907  
COMPUTER READABLE FORM:  
MEDIUM TYPE: diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FASTSEQ Version 1.5  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/973,137  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/480,068  
FILING DATE: 07-JUN-1995  
ATTORNEY/AGENT INFORMATION:  
NAME: GIESSER, JOANNE M  
REGISTRATION NUMBER: 32,838  
REFERENCE/DOCKET NUMBER: 19406  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 908-594-3046  
TELEFAX: 908-594-4720  
TELEX:  
INFORMATION FOR SEQ ID NO: 14:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: Genomic RNA  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
FRAGMENT TYPE:  
ORIGINAL SOURCE:  
FEATURE:  
NAME/KEY: Modified Base  
LOCATION: 1...1  
OTHER INFORMATION:  
NAME/KEY: Modified Base  
LOCATION: 1...1  
OTHER INFORMATION:  
NAME/KEY: Modified Base  
LOCATION: 2...2  
OTHER INFORMATION:  
US-08-973-137-14  
Query Match 1.7%; Score 17; DB 1; Length 19;  
Best Local Similarity 17.6%; Pred. No. 2.3e+02;  
Matches 3; Conservative 14; Mismatches 0; Indels 0; Gaps 0;  
CY 601 TTTTATTTTATTTT 617  
DB 2 UUUUUUUUUUUUUUUU 18

RESULT 273  
US-08-973-137-15  
Sequence 15, Application US/08973137  
Patent No. 6369208  
GENERAL INFORMATION:  
APPLICANT: BENSELER, FRITZ  
APPLICANT: COLE, JAMES L.  
APPLICANT: OLSEN, DAVID B.  
APPLICANT: KUO, LAWRENCE C.  
TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND APTAMERS  
NUMBER OF SEQUENCES: 21  
CORRESPONDENCE ADDRESS:

```

ADDRESS: JOANNE M. GIESSEY - MERCK & CO., INC.
STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000
CITY: RAHWAY
STATE: NJ
COUNTRY: US
ZIP: 07065-0907
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/973,137
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/480,068
FILING DATE: 07-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: GIESSEY, JOANNE M
REGISTRATION NUMBER: 32,838
REFERENCE/DOCKET NUMBER: 19406
TELECOMMUNICATION INFORMATION:
TELEPHONE: 908-594-3046
TELEFAX: 908-594-4720
TELEX:
INFORMATION FOR SEQ ID NO: 15:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: Genomic RNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
FRAGMENT TYPE:
ORIGINAL SOURCE:
FEATURE:
NAME/KEY: Modified Base
LOCATION: 1...1
OTHER INFORMATION:
NAME/KEY: Modified Base
LOCATION: 1...1
OTHER INFORMATION:
NAME/KEY: Modified Base
LOCATION: 13...13
OTHER INFORMATION:
US-08-973-137-15

Query Match 1.7%; Score 17; DB 1; Length 19;
Best Local Similarity 17.6%; Pred. No. 2.3e+02;
Matches 3; Conservative 14; Mismatches 0; Indels 0; Gaps 0;

QY 601 TTTTATTTTAAATTT 617
DB 2 UUUUUAUUUUAAUUUU 18

RESULT 274
US-08-973-137-16
Sequence 16, Application US/08973137
Patent No. 6369208
GENERAL INFORMATION:
APPLICANT: BENSELY, FRITZ
APPLICANT: COLE, JAMES L.
APPLICANT: OLSEN, DAVID B.
APPLICANT: KUO, LAWRENCE C.
TITLE OF INVENTION: CAPED SYNTHETIC RNA, ANALOGS, AND APTAMERS
NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSEE: JOANNE M. GIESSEY - MERCK & CO., INC.
STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000
CITY: RAHWAY
```

```

STATE: NJ
COUNTRY: US
ZIP: 07065-0907
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/973,137
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/480,068
FILING DATE: 07-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: GIESSEY, JOANNE M
REGISTRATION NUMBER: 32,838
REFERENCE/DOCKET NUMBER: 19406
TELECOMMUNICATION INFORMATION:
TELEPHONE: 908-594-3046
TELEFAX: 908-594-4720
TELEX:
INFORMATION FOR SEQ ID NO: 16:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: Genomic RNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
FRAGMENT TYPE:
ORIGINAL SOURCE:
FEATURE:
NAME/KEY: Modified Base
LOCATION: 1...1
OTHER INFORMATION:
NAME/KEY: Modified Base
LOCATION: 1...1
OTHER INFORMATION:
NAME/KEY: Modified Base
LOCATION: 12...12
OTHER INFORMATION:
US-08-973-137-16

Query Match 1.7%; Score 17; DB 1; Length 19;
Best Local Similarity 17.6%; Pred. No. 2.3e+02;
Matches 3; Conservative 14; Mismatches 0; Indels 0; Gaps 0;

QY 601 TTTTATTTTAAATTT 617
DB 2 UUUUUAUUUUAAUUUU 18

RESULT 275
US-09-672-717-98/c
Sequence 98, Application US/09672717
Patent No. 6673917
GENERAL INFORMATION:
APPLICANT: Korneluk, Robert G.
APPLICANT: Lacasse, Eric
APPLICANT: Baird, Stephen
APPLICANT: Holcik, Martin
APPLICANT: Young, Sean
TITLE OF INVENTION: Antisense IAP Nucleic Acids and Uses
FILE REFERENCE: 07891/025001
CURRENT APPLICATION NUMBER: US/09/672,717
CURRENT FILING DATE: 2000-09-28
NUMBER OF SEQ ID NOS: 231
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 98
```

LENGTH: 19  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: based on Homo sapiens  
US-09-672-717-98

Query Match 1.7%; Score 17; DB 1; Length 19;  
Best Local Similarity 100.0%; Pred. No. 2.3e+02;  
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 535 CTCCTGCTCAGCTCC 551  
DB 18 CTCCTGCTCAGCTCC 2

RESULT 276  
US-09-404-912-3/c  
Sequence 3, Application US/09404912  
Patent No. 6703228  
GENERAL INFORMATION:  
APPLICANT: John Landers  
APPLICANT: David Houseman  
APPLICANT: Barbara Jordan  
APPLICANT: Alain Charrest  
TITLE OF INVENTION: Methods and Products Related to  
FILE REFERENCE: M0656/7045 (HCL/MAT)  
CURRENT APPLICATION NUMBER: US/09/404,912  
CURRENT FILING DATE: 1999-09-24  
PRIOR APPLICATION NUMBER: US 60/101,757  
PRIOR FILING DATE: 1998-09-25  
PRIOR APPLICATION NUMBER: PCT/US99/22283  
PRIOR FILING DATE: 1999-09-24  
NUMBER OF SEQ ID NOS: 691  
SOFTWARE: FastSeq for Windows Version 3.0  
SEQ ID NO: 3  
LENGTH: 19  
TYPE: DNA  
ORGANISM: Homo Sapiens  
US-09-404-912-3

Query Match 1.7%; Score 17; DB 1; Length 19;  
Best Local Similarity 100.0%; Pred. No. 2.3e+02;  
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 967 ATCTCGCTCACTGCA 983  
DB 18 ATCTCGCTCACTGCA 2

RESULT 277  
PCT-US96-08320-1  
Sequence 1, Application PC/TUS9608320  
GENERAL INFORMATION:  
APPLICANT: Cole, James L.  
APPLICANT: Olsen, David B.  
APPLICANT: Kuo, Lawrence C.  
TITLE OF INVENTION: DNA POLYMERASE EXTENSION ASSAY FOR  
NUMBER OF SEQUENCES: 5  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Ms. Joanne J. Gieser  
STREET: 126 E. Lincoln Avenue, P.O. Box 2000-0907  
CITY: Rahway  
STATE: New Jersey  
COUNTRY: USA  
ZIP: 07065  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC Compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30

CURRENT APPLICATION DATA:  
APPLICATION NUMBER: PCT/US96/08320  
FILING DATE:  
CLASSIFICATION:  
ATTORNEY/AGENT INFORMATION:  
NAME: Gieser, Joanne M.  
REGISTRATION NUMBER: 32,838  
REFERENCE/DOCKET NUMBER: 19393 PCT  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (908)-594-3046  
TELEFAX: (908)-594-4720  
INFORMATION FOR SEQ ID NO: 1:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
PCT-US96-08320-1

Query Match 1.7%; Score 17; DB 1; Length 19;  
Best Local Similarity 17.6%; Pred. No. 2.3e+02;  
Matches 3; Conservative 14; Mismatches 0; Indels 0; Gaps 0;

QY 601 TTTTATTATTATT 617  
DB 2 UUUUUUUUUUUUU 18

RESULT 278  
PCT-US96-08330-1  
Sequence 1, Application PC/TUS9608330  
GENERAL INFORMATION:  
APPLICANT: MERCK & CO., INC.  
APPLICANT: Cole, James L.  
APPLICANT: Olsen, David B.  
APPLICANT: Kuo, Lawrence C.  
TITLE OF INVENTION: DNA POLYMERASE EXTENSION ASSAY  
NUMBER OF SEQUENCES: 5  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Ms. Joanne J. Gieser  
STREET: 126 E. Lincoln Avenue, P.O. Box 2000-0907  
CITY: Rahway  
STATE: New Jersey  
COUNTRY: USA  
ZIP: 07065  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC Compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: PCT/US96/08330  
FILING DATE:  
CLASSIFICATION:  
ATTORNEY/AGENT INFORMATION:  
NAME: Gieser, Joanne M.  
REGISTRATION NUMBER: 32,838  
REFERENCE/DOCKET NUMBER: 19398 PCT  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (908)-594-3046  
TELEFAX: (908)-594-4720  
INFORMATION FOR SEQ ID NO: 1:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
PCT-US96-08330-1





APPLICANT: Graham, Brett P. Monica  
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2  
NUMBER OF SEQUENCES: 271  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Law Offices of Jane Massey Licata  
STREET: 66 East Main Street  
CITY: Marlton  
STATE: NJ  
COUNTRY: U.S.A.  
ZIP: 08053  
COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
COMPUTER: IBM PC  
OPERATING SYSTEM: WINDOWS 95  
SOFTWARE: WORDPERFECT 6.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/280,805  
FILING DATE: herewith  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 09/048,810  
FILING DATE: March 26, 1998  
ATTORNEY/AGENT INFORMATION:  
NAME: Licata, Jane Massey  
REGISTRATION NUMBER: 32,257  
REFERENCE/DOCKET NUMBER: ISPH-0346  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 609-810-1515  
TELEFAX: 609-810-1454  
INFORMATION FOR SEQ ID NO: 241:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
ANTI-SENSE: Yes  
US-09-280-805-241

Query Match 1.7%; Score 17; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 2.4e+02;  
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 935 CTCTGTACCCAGGCTG 951  
DB 17 CTCTGTACCCAGGCTG 1

RESULT 282  
US-08-973-137-2  
Sequence 2, Application US/08973137  
Patent No. 6369208  
GENERAL INFORMATION:  
APPLICANT: BENSELER, FRITZ  
APPLICANT: COLE, JAMES L.  
APPLICANT: OLSEN, DAVID B.  
APPLICANT: KUO, LAWRENCE C.  
TITLE OF INVENTION: CAPED SYNTHETIC RNA, ANALOGS, AND APTAMERS  
NUMBER OF SEQUENCES: 21  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: JOANNE M. GISSER - MERCK & CO., INC.  
STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000  
CITY: RAHWAY  
STATE: NJ  
COUNTRY: US  
ZIP: 07065-0907  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: PastsEQ Version 1.5  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/973,137

FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/480,068  
FILING DATE: 07-JUN-1995  
ATTORNEY/AGENT INFORMATION:  
NAME: GISSER, JOANNE M  
REGISTRATION NUMBER: 32,838  
REFERENCE/DOCKET NUMBER: 19406  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 908-594-3046  
TELEFAX: 908-594-4720  
INFORMATION FOR SEQ ID NO: 2:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: Genomic RNA  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
FRAGMENT TYPE:  
ORIGINAL SOURCE:  
FEATURE:  
NAME/KEY: Modified Base  
LOCATION: 2...2  
OTHER INFORMATION:  
NAME/KEY: Modified Base  
LOCATION: 2...2  
OTHER INFORMATION:  
US-08-973-137-2

Query Match 1.7%; Score 17; DB 1; Length 20;  
Best Local Similarity 17.6%; Pred. No. 2.4e+02;  
Matches 3; Conservative 14; Mismatches 0; Indels 0; Gaps 0;

OY 601 TTTTATTATTATTT 617  
DB 3 UUUUUUUUUUUUUU 19

RESULT 283  
US-09-233-086-61  
Sequence 61, Application US/09233086  
Patent No. 6337192  
GENERAL INFORMATION:  
APPLICANT: Bartel, Paul L.  
APPLICANT: Tavtigian, Sean V.  
TITLE OF INVENTION: Myriad Genetics, Inc.  
FILE REFERENCE: MMS1 Gene  
CURRENT APPLICATION NUMBER: US/09/233,086  
EARLIER FILING DATE: 1999-01-19  
EARLIER APPLICATION NUMBER: US 60/071,861  
NUMBER OF SEQ ID NOS: 65  
SOFTWARE: PatentIn Ver. 2.0  
SEQ ID NO 61  
LENGTH: 21  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence, MMS1 Primers  
US-09-233-086-61

Query Match 1.7%; Score 17; DB 1; Length 21;  
Best Local Similarity 100.0%; Pred. No. 2.6e+02;  
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 635 CTCTGTACCCAGGCTG 651  
DB 5 CTCTGTACCCAGGCTG 21

RESULT 284  
US-07-952-442-19/c  
Sequence 19, Application US/07952442  
Patent No. 5374525  
GENERAL INFORMATION:  
APPLICANT: Lalouel, Jean-Marc  
APPLICANT: Jeunemaitre, Xavier  
APPLICANT: Lifton, Richard P.  
APPLICANT: Soubrier, Florent  
APPLICANT: Koclevtsev, Youri  
APPLICANT: Corval, Pierre  
TITLE OF INVENTION: Angiotensinogen Gene Variants and  
TITLE OF INVENTION: Predisposition to Essential Hypertension  
NUMBER OF SEQUENCES: 22  
CORRESPONDENCE ADDRESS: 22  
ADDRESSEE: Venable, Baetjer, Howard & Civiletti  
STREET: 1201 New York Avenue N.W., Suite 1000  
CITY: Washington  
STATE: DC  
ZIP: 20005  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/07/952,442  
FILING DATE: 19920930  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Ihnen, Jeffrey L.  
REGISTRATION NUMBER: 28,957  
REFERENCE/DOCKET NUMBER: 19780-104502  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 202-962-4810  
TELEX: 202-962-8300  
INFORMATION FOR SEQ ID NO: 19:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: NUCLEIC ACID  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
ORIGINAL SOURCE:  
ORGANISM: Homo sapiens  
US-07-952-442-19

Query Match 1.7%; Score 16.8; DB 1; Length 20;  
Best Local Similarity 90.0%; Pred. No. 2.5e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 641 CACCCAGGCTGAGTGCAGT 660  
DB 20 CTCGAGGCTGAGTGCAGT 1

RESULT 285  
US-07-890-719-5  
Sequence 5, Application US/07890719  
Patent No. 5187506  
GENERAL INFORMATION:  
APPLICANT: BLUMENFELD, ANAT; GUSELLA, JAMES F.; BREAKFIELD,  
APPLICANT: XANDRA O.  
TITLE OF INVENTION: USE OF GENETIC MARKERS TO DIAGNOSE FAMILIAL  
TITLE OF INVENTION: DYSAUTONOMIA  
NUMBER OF SEQUENCES: 12  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: MORGAN & FINNEGAN  
STREET: 345 PARK AVENUE

CITY: NEW YORK  
STATE: NEW YORK  
COUNTRY: USA  
ZIP: 10154  
COMPUTER READABLE FORM:  
MEDIUM TYPE: FLOPPY DISK  
COMPUTER: IBM PC COMPATIBLE  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: WORDPERFECT 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/07/890,719  
FILING DATE: 19920722  
CLASSIFICATION: 436  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER:  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: EUGENE C. RZUCIDLO  
REGISTRATION NUMBER: 31,900  
REFERENCE/DOCKET NUMBER: 1828-4001  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 212-758-4800  
TELEFAX: 212-751-6849  
INFORMATION FOR SEQ ID NO: 5:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20  
TYPE: NUCLEIC ACID  
STRANDEDNESS: SINGLE  
TOPOLOGY: UNKNOWN  
MOLECULE TYPE: OLIGONUCLEOTIDE  
HYPOTHETICAL: NO  
ORIGINAL SOURCE:  
ORGANISM: HUMAN  
STRAIN:  
INDIVIDUAL ISOLATE:  
DEVELOPMENTAL STAGE:  
HAPLOTYPE:  
TISSUE TYPE:  
CELL TYPE:  
CELL LINE:  
ORGANELLE:  
FEATURE:  
NAME/KEY: PRIMER SEQUENCE FOR D9S58 LOCUS  
LOCATION: CHROMOSOME 9  
IDENTIFICATION METHOD:  
OTHER INFORMATION:  
PUBLICATION INFORMATION:  
AUTHORS: KWIAKOWSKI, DAVID J.; HENSKE, ELIZABETH P.;  
AUTHORS: WEIMER, KIM; OZELIUS, LAURIE; GUSELLA, JAMES J.; HAINES, JONATHAN  
TITLE: CONSTRUCTION OF A GT POLYMORPHISM MAP OF HUMAN 9Q  
JOURNAL: GENOMICS  
VOLUME: 12  
ISSUE:  
PAGES: 229-240  
DATE: 1992  
DOCUMENT NUMBER:  
FILING DATE:  
PUBLICATION DATE:  
RELEVANT RESIDUES IN SEQ ID NO:  
US-07-890-719-5

Query Match 1.7%; Score 16.8; DB 1; Length 20;  
Best Local Similarity 90.0%; Pred. No. 2.5e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 725 CCTGAGTAGCTGGGACTACA 744  
DB 1 CCTGAGTAGCCGGGACTATA 20

RESULT 286  
US-08-269-766-19/c  
Sequence 19, Application US/08269766

Patent No. 5589584  
GENERAL INFORMATION:  
APPLICANT: Lalouel, Jean-Marc  
APPLICANT: Jeunemaitre, Xavier  
APPLICANT: Lifton, Richard P.  
APPLICANT: Soubrier, Florent  
APPLICANT: Kotelevtsev, Youti  
APPLICANT: Corval, Pierre  
TITLE OF INVENTION: Angiotensinogen Gene Variants and  
TITLE OF INVENTION: Predisposition to Essential Hypertension  
NUMBER OF SEQUENCES: 22  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Venable, Baetjer, Howard & Civiletti  
STREET: 1201 New York Avenue N.W., Suite 1000  
CITY: Washington  
STATE: DC  
ZIP: 20005  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/269,766  
FILING DATE: 01-JUL-1994  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/952,442  
FILING DATE: 30-SEP-1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Ihnen, Jeffrey L.  
REGISTRATION NUMBER: 28,957  
REFERENCE/DOCKET NUMBER: 19780-104502  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 202-962-4810  
TELEX: 202-962-8300  
INFORMATION FOR SEQ ID NO: 19:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
ORIGINAL SOURCE:  
ORGANISM: Homo sapiens  
US-08-269-766-19  
Query Match 1.7%; Score 16.8; DB 1; Length 20;  
Best Local Similarity 90.0%; Pred. No. 2.5e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 641 CACCGAGCTGAGTGACGT 660  
DB 20 CTCGAGGCTGAGTGACGT 1  
RESULT 287  
US-08-290-936-12  
Sequence 12, Application US/08290936  
Patent No. 5656743  
GENERAL INFORMATION:  
APPLICANT: Busch et al.  
TITLE OF INVENTION: OLIGONUCLEOTIDE MODULATION  
TITLE OF INVENTION: OF CELL GROWTH  
NUMBER OF SEQUENCES: 16  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Woodcock Washburn Kurtz  
ADDRESSER: Mackiewicz & No. 5656743is  
STREET: One Liberty Place - 46th floor  
CITY: Philadelphia  
STATE: PA

COUNTRY: USA  
ZIP: 19103  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette, 3.5 inch, 1.44 Mb stor.  
COMPUTER: IBM PS/2  
OPERATING SYSTEM: PC-DOS  
SOFTWARE: WORDPERFECT 5.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/290,936  
FILING DATE: No. 5656743member 18, 1994  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: PCT/US93/00754  
FILING DATE: January 27, 1993  
APPLICATION NUMBER: 07/841,660  
FILING DATE: February 19, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: John W. Caldwell and Rebecca L. Ralph  
REGISTRATION NUMBER: 28,937 and 35,152  
REFERENCE/DOCKET NUMBER: BAY-0032  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (215) 568-3439  
TELEFAX: (215) 568-3100  
INFORMATION FOR SEQ ID NO: 12:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
ANTI-SENSE: yes  
US-08-290-936-12  
Query Match 1.7%; Score 16.8; DB 1; Length 20;  
Best Local Similarity 90.0%; Pred. No. 2.5e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 215 TCTGAACTCCGACCTCAG 234  
DB 1 TCTGAACTCCGACCTCAG 20  
RESULT 288  
US-08-480-784-9/C  
Sequence 9, Application US/08480784  
Patent No. 5693473  
GENERAL INFORMATION:  
APPLICANT: Skolnick, Mark H.  
APPLICANT: Goldgar, David E.  
APPLICANT: Mikl, Yoshio  
APPLICANT: Swenson, Jeff  
APPLICANT: Kamb, Alexander  
APPLICANT: Harshman, Keith D.  
APPLICANT: Shattuck-Bidens, Donna M.  
APPLICANT: Tavtigian, Sean V.  
APPLICANT: Wiseman, Roger W.  
APPLICANT: Futreal, P. Andrew  
TITLE OF INVENTION: 17q-Linked Breast and Ovarian Cancer  
TITLE OF INVENTION: Susceptibility Gene  
NUMBER OF SEQUENCES: 85  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Venable, Baetjer, Howard & Civiletti, LLP  
STREET: 1201 New York Avenue, N.W., Suite 1000  
CITY: Washington  
STATE: DC  
COUNTRY: USA  
ZIP: 20005  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/480,784

FILING DATE: 435  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/409,305  
FILING DATE: 24-MAR-1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/348,824  
FILING DATE: 29-NOV-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/308,104  
FILING DATE: 16-SEP-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/300,266  
FILING DATE: 02-SEP-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/289,221  
FILING DATE: 12-AUG-1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Ihnen, Jeffrey L.  
REGISTRATION NUMBER: 28,957  
REFERENCE/DOCKET NUMBER: 24884-109347  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 202-962-4810  
TELEFAX: 202-962-8300  
INFORMATION FOR SEQ ID NO: 9:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
HYPOTHETICAL: NO  
ORIGINAL SOURCE:  
ORGANISM: Homo sapiens  
IMMEDIATE SOURCE:  
CLONE: fdj1239 A  
US-08-480-784-9

Query Match 1.7%; Score 16.8; DB 1; Length 20;  
Best Local Similarity 90.0%; Pred. No. 2.5e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 681 CAACCTCTGCTCCCGGTT 700  
DB 20 CAACCTCTGCTCCAGTT 1

RESULT 289  
US-08-483-553-9/c  
Sequence 9, Application US/08483553  
Patent No. 5709999  
GENERAL INFORMATION:  
APPLICANT: Skolnick, Mark H.  
APPLICANT: Goldgar, David E.  
APPLICANT: Miki, Yoshio  
APPLICANT: Swenson, Jeff  
APPLICANT: Kamb, Alexander  
APPLICANT: Hershman, Keith D.  
APPLICANT: Shattuck-Eidens, Donna M.  
APPLICANT: Tavtigian, Sean V.  
APPLICANT: Wiseman, Roger W.  
APPLICANT: Futreal, P. Andrew  
TITLE OF INVENTION: 17q-Linked Breast and Ovarian Cancer  
TITLE OF INVENTION: Susceptibility Gene  
NUMBER OF SEQUENCES: 85  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Venable, Baetjer, Howard & Civiletti, LLP  
STREET: 1201 New York Avenue, N.W., Suite 1000  
CITY: Washington  
STATE: DC  
COUNTRY: USA  
ZIP: 20005  
COMPUTER READABLE FORM:

MEDIUM TYPE: floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/483,553  
FILING DATE:  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/409,305  
FILING DATE: 24-MAR-1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/348,824  
FILING DATE: 29-NOV-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/308,104  
FILING DATE: 16-SEP-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/300,266  
FILING DATE: 02-SEP-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/289,221  
FILING DATE: 12-AUG-1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Ihnen, Jeffrey L.  
REGISTRATION NUMBER: 28,957  
REFERENCE/DOCKET NUMBER: 24884-109347  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 202-962-4810  
TELEFAX: 202-962-8300  
INFORMATION FOR SEQ ID NO: 9:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
HYPOTHETICAL: NO  
ORIGINAL SOURCE:  
ORGANISM: Homo sapiens  
IMMEDIATE SOURCE:  
CLONE: fdj1239 A  
US-08-483-553-9

Query Match 1.7%; Score 16.8; DB 1; Length 20;  
Best Local Similarity 90.0%; Pred. No. 2.5e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 681 CAACCTCTGCTCCCGGTT 700  
DB 20 CAACCTCTGCTCCAGTT 1

RESULT 290  
US-08-487-002-9/c  
Sequence 9, Application US/08487002  
Patent No. 5710001  
GENERAL INFORMATION:  
APPLICANT: Shattuck-Eidens, Donna M.  
APPLICANT: Simard, Jacques  
APPLICANT: Eml, Mitsuru  
APPLICANT: Nakamura, Yusuke  
APPLICANT: Durocher, Francine  
TITLE OF INVENTION: 17q-Linked Breast and Ovarian Cancer  
TITLE OF INVENTION: Susceptibility Gene  
NUMBER OF SEQUENCES: 85  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Venable, Baetjer, Howard & Civiletti, LLP  
STREET: 1201 New York Avenue, N.W., Suite 1000  
CITY: Washington  
STATE: DC  
COUNTRY: USA  
ZIP: 20005

```
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/487,002
FILING DATE:
CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/409,305
FILING DATE: 24-MAR-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/348,824
FILING DATE: 29-NOV-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/308,104
FILING DATE: 16-SEP-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/300,266
FILING DATE: 02-SEP-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/289,221
FILING DATE: 12-AUG-1994
ATTORNEY/AGENT INFORMATION:
NAME: Ihnen, Jeffrey L.
REGISTRATION NUMBER: 28,957
REFERENCE/DOCKET NUMBER: 24884-109347
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-962-4810
TELEFAX: 202-962-8300
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ORIGINAL SOURCE:
ORGANISM: Homo sapiens
IMMEDIATE SOURCE:
CLONE: cdj1239 A
US-08-487-002-9

Query Match      1.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 2.5e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      681 CAACCTGCTCCCGGTT 700
Db      20 CAACCTGCTCCCGGTT 1

RESULT 291
US-08-483-554B-9/c
Sequence 9, Application US/08483554B
Patent No. 5747282
GENERAL INFORMATION:
APPLICANT: Skolnick, Mark H.
APPLICANT: Goldgar, David E.
APPLICANT: Miki, Yoshio
APPLICANT: Swenson, Jeff
APPLICANT: Kamb, Alexander
APPLICANT: Harshman, Keith D.
APPLICANT: Shattuck-Eidens, Sean V.
APPLICANT: Tavitigian, Sean V.
APPLICANT: Wiseman, Roger W.
APPLICANT: Putreal, P. Andrew
TITLE OF INVENTION: 17q-linked Breast and Ovarian Cancer
NUMBER OF SEQUENCES: 85
CORRESPONDENCE ADDRESS:
```

```
ADDRESS: Venable, Baetjer, Howard & Civiletti, LLP
STREET: 1201 New York Avenue, N.W., Suite 1000
CITY: Washington
STATE: DC
COUNTRY: USA
ZIP: 20005
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/483,554B
FILING DATE: 07-JUN-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/409,305
FILING DATE: 24-MAR-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/348,824
FILING DATE: 29-NOV-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/308,104
FILING DATE: 16-SEP-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/300,266
FILING DATE: 02-SEP-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/289,221
FILING DATE: 12-AUG-1994
ATTORNEY/AGENT INFORMATION:
NAME: Ihnen, Jeffrey L.
REGISTRATION NUMBER: 28,957
REFERENCE/DOCKET NUMBER: 24884-109347
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-962-4810
TELEFAX: 202-962-8300
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ORIGINAL SOURCE:
ORGANISM: Homo sapiens
IMMEDIATE SOURCE:
CLONE: cdj1239 A
US-08-483-554B-9

Query Match      1.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 2.5e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      681 CAACCTGCTCCCGGTT 700
Db      20 CAACCTGCTCCCGGTT 1

RESULT 292
US-08-488-011B-9/c
Sequence 9, Application US/08488011B
Patent No. 5753441
GENERAL INFORMATION:
APPLICANT: Skolnick, Mark H.
APPLICANT: Goldgar, David E.
APPLICANT: Miki, Yoshio
APPLICANT: Swenson, Jeff
APPLICANT: Kamb, Alexander
APPLICANT: Harshman, Keith D.
APPLICANT: Shattuck-Eidens, Donna M.
APPLICANT: Tavitigian, Sean V.
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APPLICANT: Wiseman, Roger W.
APPLICANT: Futreal, P. Andrew
TITLE OF INVENTION: 17g-Linked Breast and Ovarian Cancer
TITLE OF INVENTION: Susceptibility Gene
NUMBER OF SEQUENCES: 85
CORRESPONDENCE ADDRESS:
ADDRESS: Venable, Baetjer, Howard & Civiletti, LLP
STREET: 1201 New York Avenue, N.W., Suite 1000
CITY: Washington
STATE: DC
COUNTRY: USA
ZIP: 20005
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/488,011B
FILING DATE: 07-JUN-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/409,305
FILING DATE: 24-MAR-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/348,824
FILING DATE: 29-NOV-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/308,104
FILING DATE: 16-SEP-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/300,266
FILING DATE: 02-SEP-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/289,221
FILING DATE: 12-AUG-1994
ATTORNEY/AGENT INFORMATION:
NAME: Ihnen, Jeffrey L.
REGISTRATION NUMBER: 28,957
REFERENCE/DOCKET NUMBER: 24884-109347-09
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-962-4810
TELEFAX: 202-962-8300
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ORIGINAL SOURCE:
ORGANISM: Homo sapiens
IMMEDIATE SOURCE:
CLONE: cdj1239 A
US-08-488-011B-9

Query Match      1.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 2.5e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      681 CAACTCTGCTCCGCGGTT 700
DB      20 CAACCTCTGCTCTCCAGTT 1

RESULT 293
US-08-319-545A-19/c
Sequence 19, Application US/08319545A
Patent No. 5763168
GENERAL INFORMATION:
APPLICANT: Lalouel, Jean-Marc
APPLICANT: Jeunemaitre, Xavier
```

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APPLICANT: Lifton, Richard P.
APPLICANT: Sobrier, Florent
APPLICANT: Kotelevaev, Youri
APPLICANT: Corvol, Pierre
TITLE OF INVENTION: Method to Determine Predisposition
TITLE OF INVENTION: to Hypertension
NUMBER OF SEQUENCES: 22
CORRESPONDENCE ADDRESS:
ADDRESS: Venable, Baetjer, Howard & Civiletti
STREET: 1201 New York Avenue N.W., Suite 1000
CITY: Washington
STATE: DC
COUNTRY: USA
ZIP: 20005
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Wordperfect 5.1/5.2 Windows
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/319,545A
FILING DATE: 7-OCT-1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/952,442
FILING DATE: 30-SEP-1992
ATTORNEY/AGENT INFORMATION:
NAME: Ihnen, Jeffrey L.
REGISTRATION NUMBER: 28,957
REFERENCE/DOCKET NUMBER: 19780-104502-2
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-962-4810
TELEFAX: 202-962-8300
INFORMATION FOR SEQ ID NO: 19:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
ORGANISM: Homo sapiens
US-08-319-545A-19

Query Match      1.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 2.5e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      641 CACCAGCTGAGTCACT 660
DB      20 CTCGAGGCTGAGTCACT 1

RESULT 294
US-08-651-692-27
Sequence 27, Application US/08651692
Patent No. 5856099
GENERAL INFORMATION:
APPLICANT: Loren Miraglia, Thomas Geiger,
APPLICANT: Clarence Frank Bennett and Nicholas M. Dean
TITLE OF INVENTION: Compositions and Methods for
NUMBER OF SEQUENCES: 42
CORRESPONDENCE ADDRESS:
ADDRESS: Law Offices of Jane Massey Licata
STREET: 210 Lake Drive East, Suite 201
CITY: Cherry Hill
STATE: NJ
COUNTRY: USA
ZIP: 08002
COMPUTER READABLE FORM:
MEDIUM TYPE:
```

MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE  
 COMPUTER: IBM PS/2  
 OPERATING SYSTEM: PC-DOS  
 SOFTWARE: WORDPERFECT 5.1  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/651,692  
 FILING DATE: Herewith  
 CLASSIFICATION: 536  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER:  
 FILING DATE:  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Jane Massey Licata  
 REGISTRATION NUMBER: 32,257  
 REFERENCE/DOCKET NUMBER: ISPH-0144  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (609) 779-2400  
 TELEFAX: (609) 779-8488  
 INFORMATION FOR SEQ ID NO: 27:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 20  
 TYPE: Nucleic Acid  
 STRANDEDNESS: Single  
 TOPOLOGY: Linear  
 ANTI-SENSE: Yes  
 US-08-651-692-27

Query Match 1.7%; Score 16.8; DB 1; Length 20;  
 Best Local Similarity 90.0%; Pred. No. 2.5e+02;  
 Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Oy 676 CACTGCAACCTCTGCTCCC 695  
 Db 1 CACTGCAACCTCTGCTCCC 20

RESULT 295  
 US-08-480-655-5  
 Sequence 5, Application US/08480655  
 Patent No. 5998133  
 GENERAL INFORMATION:  
 APPLICANT: BLUMENFELD, ANAT; GUSELLA, JAMES F;  
 APPLICANT: BREAKFIELD, XANDRA, O;  
 APPLICANT: SLAUGENHAUPT, SUSAN  
 TITLE OF INVENTION: USE OF GENETIC MARKERS TO  
 NUMBER OF SEQUENCES: 34  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: MORGAN & FINNEGAN, L.L.P.  
 STREET: 345 PARK AVENUE  
 CITY: NEW YORK  
 STATE: NEW YORK  
 COUNTRY: USA  
 ZIP: 10154  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: FLOPPY DISK  
 COMPUTER: IBM PC COMPATIBLE  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: ASCII  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/480,655  
 FILING DATE: 07-JUNE-1995  
 CLASSIFICATION: 435  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: 08/049,678  
 FILING DATE: 16-APRIL-1993  
 CLASSIFICATION: 435  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US/07/890,719  
 FILING DATE: 29-MAY-1992  
 ATTORNEY/AGENT INFORMATION:  
 NAME: KENNETH H. SONNENFELD  
 REGISTRATION NUMBER: 33,285

REFERENCE/DOCKET NUMBER: 1829-4001US1  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: 212-451-8513  
 TELEFAX: 212-751-6849  
 INFORMATION FOR SEQ ID NO: 5:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 20  
 TYPE: NUCLEIC ACID  
 STRANDEDNESS: SINGLE  
 TOPOLOGY: UNKNOWN  
 MOLECULE TYPE: OLIGONUCLEOTIDE  
 HYPOTHETICAL: NO  
 FEATURE:  
 NAME/KEY: PRIMER SEQUENCE FOR D9S58 LOCUS  
 LOCATION: CHROMOSOME 9  
 IDENTIFICATION METHOD:  
 OTHER INFORMATION:  
 PUBLICATION INFORMATION:  
 AUTHORS: KWIAKOWSKI, DAVID J;  
 AUTHORS: HENSKA, ELIZABETH P; WEIMER, KIM;  
 AUTHORS: OZELIUS, LAURIE; GUSELLA, JAMES J;  
 AUTHORS: HAINES, JONATHAN  
 TITLE: CONSTRUCTION OF A GT POLYMORPHISM  
 TITLE: MAP OF HUMAN 9Q  
 JOURNAL: GENOMICS  
 VOLUME: 12  
 ISSUE:  
 PAGES: 229-240  
 DATE: 1992  
 DOCUMENT NUMBER:  
 FILING DATE:  
 PUBLICATION DATE:  
 RELEVANT RESIDUES IN SEQ ID NO:  
 US-08-480-655-5

Query Match 1.7%; Score 16.8; DB 1; Length 20;  
 Best Local Similarity 90.0%; Pred. No. 2.5e+02;  
 Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Oy 725 CCTGAGTACCTGGGACTACA 744  
 Db 1 CCTGAGTACCTGGGACTATA 20

RESULT 296  
 US-09-092-988-19/C  
 Sequence 19, Application US/09092988  
 Patent No. 5998145  
 GENERAL INFORMATION:  
 APPLICANT: Lalouel, Jean-Marc  
 APPLICANT: Jeunemaitre, Xavier  
 APPLICANT: Lifton, Richard P.  
 APPLICANT: Soubrrier, Florent  
 APPLICANT: Kotelevtsev, Youri  
 APPLICANT: CORVOL, Pierre  
 TITLE OF INVENTION: Method to Determine Predisposition  
 TITLE OF INVENTION: to Hypertension  
 NUMBER OF SEQUENCES: 22  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Venable, Baetjer, Howard & Civiletti  
 STREET: 1201 New York Avenue N.W., Suite 1000  
 CITY: Washington  
 STATE: DC  
 ZIP: 20005  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: FLOPPY disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: Wordperfect 5.1/5.2 Windows  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/09/092,988  
 FILING DATE:  
 CLASSIFICATION:

```

; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/319,545
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Ihnen, Jeffrey L.
; REGISTRATION NUMBER: 28,957
; REFERENCE/DOCKET NUMBER: 19780-104502-2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-962-4810
; TELEFAX: 202-962-8300
; INFORMATION FOR SEQ ID NO: 19:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; ORGANISM: Homo sapiens
;
US-09-092-988-19
;
Query Match          1.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 2.5e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      641 CACCCAGGCTGAGTGAGT 660
DB      20 CTCGAGGCTGAGTGAGT 1

RESULT 297
; Sequence 162, Application US/09289267A
; Patent No. 6046320
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; ATTORNEY/AGENT INFORMATION:
; TITLE OF INVENTION: ANTISENSE MODULATION OF MDX EXPRESSION
; FILE REFERENCE: RTS-0049
; CURRENT APPLICATION NUMBER: US/09/289,267A
; CURRENT FILING DATE: 1999-04-04
; NUMBER OF SEQ ID NOS: 166
; SEQ ID NO 162
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
;
US-09-289-267-162
;
Query Match          1.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 2.5e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      636 TCTGTCCAGGCTGAGT 655
DB      20 TCTGTCTCCAGGCTGAGT 1

RESULT 298
; Sequence 163, Application US/09289267A
; Patent No. 6046320
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; ATTORNEY/AGENT INFORMATION:
; TITLE OF INVENTION: ANTISENSE MODULATION OF MDX EXPRESSION
; FILE REFERENCE: RTS-0049
; CURRENT APPLICATION NUMBER: US/09/289,267A
; CURRENT FILING DATE: 1999-04-04
; NUMBER OF SEQ ID NOS: 166
```

```

; SEQ ID NO 163
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
;
US-09-289-267-163
;
Query Match          1.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 2.5e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      662 GCGCAATCTTGCTCACTGC 681
DB      1 GCTCAATCTTGCTCACTGC 20

RESULT 299
; Sequence 230, Application US/09009913
; Patent No. 6087485
; GENERAL INFORMATION:
; APPLICANT: Arys Pharmaceuticals, Inc.
; TITLE OF INVENTION: Asthma Related Genes
; NUMBER OF SEQUENCES: 339
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Bozicevic & Reed, LLP
; STREET: 285 Hamilton Ave, Suite 200
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94301
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; OPERATING SYSTEM: IBM Compatible
; SOFTWARE: FASTSEQ for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/009,913
; FILING DATE: 21-JAN-1998
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Sherwood, Pamela J
; REGISTRATION NUMBER: 36,677
; REFERENCE/DOCKET NUMBER: SEQ-4P
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 650-327-3231
; TELEFAX: 650-327-3231
; TELEX:
; INFORMATION FOR SEQ ID NO: 230:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
US-09-009-913-230
;
Query Match          1.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 2.5e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      931 CTCACCTCTGTACCCAGGCT 950
DB      20 CTCACCTCTGTCTCCAGGCT 1

RESULT 300
; Sequence 38, Application US/09358384
; Patent No. 6130088
```



GENERAL INFORMATION:  
APPLICANT: Brett P. Monia  
APPLICANT: Lex M. Cowsert  
TITLE OF INVENTION: ANTISENSE MODULATION OF TELOMERIC REPEAT BINDING FACTOR 1 EXPRESS  
FILE REFERENCE: RTS-0083  
CURRENT APPLICATION NUMBER: US/09/358,384  
CURRENT FILING DATE: 1999-07-21  
NUMBER OF SEQ ID NOS: 47  
SEQ ID NO: 38  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
OTHER INFORMATION: Antisense Oligonucleotide  
US-09-358-384-38

Query Match 1.7%; Score 16.8; DB 1; Length 20;  
Best Local Similarity 90.0%; Pred. No. 2.5e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1080 TTCATTAGAGCGCGGCTTC 1099  
Db 20 TTTAGTAGAGCGCGGCTTC 1

RESULT 301  
US-09-106-216-19/c  
Sequence 19, Application US/09106216  
Patent No. 6153386  
GENERAL INFORMATION:  
APPLICANT: Lalouel, Jean-Marc  
APPLICANT: Jeunemaitre, Xavier  
APPLICANT: Lofton, Richard P.  
APPLICANT: Soubrrier, Florent  
APPLICANT: Kotelevtsev, Yuri  
APPLICANT: Corvol, Pierre  
TITLE OF INVENTION: Method to Determine Predisposition to  
TITLE OF INVENTION: Hypertension  
NUMBER OF SEQUENCES: 58  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Rothwell, Piggy, Ernst & Kurz  
STREET: 555 Thirteenth Street N.W., Suite 701-E  
CITY: Washington  
STATE: D.C.  
COUNTRY: USA  
ZIP: 20004  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/106,216  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 09/  
FILING DATE: 08-JUN-1998  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/319,545  
FILING DATE: 07-OCT-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/952,545  
FILING DATE: 30-SEP-1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Ihnen, Jeffrey L.  
REGISTRATION NUMBER: 28,957  
REFERENCE/DOCKET NUMBER: 2323-124  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 202-783-6040  
TELEFAX: 202-783-6031  
INFORMATION FOR SEQ ID NO: 19:  
SEQUENCE CHARACTERISTICS:

LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: other nucleic acid  
DESCRIPTION: /desc = "primer"  
US-09-106-216-19

Query Match 1.7%; Score 16.8; DB 1; Length 20;  
Best Local Similarity 90.0%; Pred. No. 2.5e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 641 CACCAGGCTGAGTGACAGT 660  
Db 20 CTCGAGGCTGAGTGACAGT 1

RESULT 302  
US-08-850-727-9/c  
Sequence 9, Application US/08850727  
Patent No. 6162897  
GENERAL INFORMATION:  
APPLICANT: Skolnick, Mark H.  
APPLICANT: Goldgar, David E.  
APPLICANT: Miki, Yoshio  
APPLICANT: Swenson, Jeff  
APPLICANT: Kamb, Alexander  
APPLICANT: Harsman, Keith D.  
APPLICANT: Shattuck-Eidens, Donna M.  
APPLICANT: Tavtigian, Sean V.  
APPLICANT: Wieman, Roger W.  
APPLICANT: Futreal, P. Andrew  
TITLE OF INVENTION: 17q-Linked Breast and Ovarian Cancer  
TITLE OF INVENTION: Susceptibility Gene  
NUMBER OF SEQUENCES: 85  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Venable, Baetjer, Howard & Civiletti, LLP  
STREET: 1201 New York Avenue, N.W., Suite 1000  
CITY: Washington  
STATE: DC  
COUNTRY: USA  
ZIP: 20005  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/850,727  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/483,554  
FILING DATE: 07-JUN-1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/348,824  
FILING DATE: 29-NOV-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/308,104  
FILING DATE: 16-SEP-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/300,266  
FILING DATE: 02-SEP-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/289,221  
FILING DATE: 12-AUG-1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Ihnen, Jeffrey L.  
REGISTRATION NUMBER: 28,957  
REFERENCE/DOCKET NUMBER: 24884-109347  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 202-962-4810  
TELEFAX: 202-962-8300

INFORMATION FOR SEQ ID NO: 9:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
HYPOTHETICAL: NO  
ORIGINAL SOURCE:  
ORGANISM: Homo sapiens  
IMMEDIATE SOURCE:  
CLONE: fdj1239 A  
US-08-850-727-9

Query Match 1.7%; Score 16.8; DB 1; Length 20;  
Best Local Similarity 90.0%; Pred. No. 2.5e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 681 CACCTCTGCTCCCGGTT 700  
DB 20 CACCTCTGCTCCAGGTT 1

RESULT 303  
US-09-429-034-19/c  
Sequence 19, Application US/09429034  
Patent No. 6165727  
GENERAL INFORMATION:  
APPLICANT: Lalouel, Jean-Marc  
APPLICANT: Jeunemaitre, Xavier  
APPLICANT: Lifton, Richard P.  
APPLICANT: Soubrier, Florent  
APPLICANT: Koclevtsev, Youri  
APPLICANT: Corvol, Pierre  
TITLE OF INVENTION: Method to Determine Predisposition  
TITLE OF INVENTION: to Hypertension  
NUMBER OF SEQUENCES: 22  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Venable, Baetjer, Howard & Civiletti  
STREET: 1201 New York Avenue N.W., Suite 1000  
CITY: Washington  
STATE: DC  
ZIP: 20005  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Wordperfect 5.1/5.2 Windows  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/429,034  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/08/319,545  
FILING DATE: 7-OCT-1994  
APPLICATION NUMBER: US 07/952,442  
FILING DATE: 30-SEP-1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Ihnen, Jeffrey L.  
REGISTRATION NUMBER: 28,957  
REFERENCE/DOCKET NUMBER: 19780-104502-2  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 202-962-4810  
TELEX: 202-962-8300  
INFORMATION FOR SEQ ID NO: 19:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
HYPOTHETICAL: NO  
ANTI-SENSE: NO

ORIGINAL SOURCE:  
ORGANISM: Homo sapiens  
US-09-429-034-19

Query Match 1.7%; Score 16.8; DB 1; Length 20;  
Best Local Similarity 90.0%; Pred. No. 2.5e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 641 CACCAGCTGGAGTGCACT 660  
DB 20 CTCGAGCTGGAGTGCACT 1

RESULT 304  
US-09-280-805-251/c  
Sequence 251, Application US/09280805  
Patent No. 6184212  
GENERAL INFORMATION:  
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.  
APPLICANT: Graham, Brett P. Monia  
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDX2  
TITLE OF INVENTION: EXPRESSION  
NUMBER OF SEQUENCES: 271  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Law Offices of Jane Massey Licata  
STREET: 66 East Main Street  
CITY: Marlton  
STATE: NJ  
COUNTRY: U.S.A.  
ZIP: 08053  
COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE  
COMPUTER: IBM PC  
OPERATING SYSTEM: WINDOWS 95  
SOFTWARE: WORDPERFECT 6.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/280,805  
FILING DATE: herewith  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 09/048,810  
FILING DATE: March 26, 1998  
ATTORNEY/AGENT INFORMATION:  
NAME: Licata, Jane Massey  
REGISTRATION NUMBER: 32,257  
REFERENCE/DOCKET NUMBER: ISPH-0346  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 609-810-1515  
TELEFAX: 609-810-1454  
INFORMATION FOR SEQ ID NO: 251:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: linear  
ANTI-SENSE: Yes  
US-09-280-805-251

Query Match 1.7%; Score 16.8; DB 1; Length 20;  
Best Local Similarity 90.0%; Pred. No. 2.5e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 543 TCAGCTCCCAATGCTGG 562  
DB 20 TCAGCTCCCAATGCTGG 1

RESULT 305  
US-09-280-805-258/c  
Sequence 258, Application US/09280805  
Patent No. 6184212  
GENERAL INFORMATION:  
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.

APPLICANT: Graham, Brett P. Monica  
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2  
TITLE OF INVENTION: EXPRESSION  
NUMBER OF SEQUENCES: 271  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Law Offices of Jane Massey Licata  
STREET: 66 East Main Street  
CITY: Marlton  
STATE: NJ  
COUNTRY: U.S.A.  
ZIP: 08053  
COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE  
COMPUTER: IBM PC  
OPERATING SYSTEM: WINDOWS 95  
SOFTWARE: WORDPERFECT 6.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/280,805  
FILING DATE: herewith  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 09/048,810  
FILING DATE: March 26, 1998  
ATTORNEY/AGENT INFORMATION:  
NAME: Licata, Jane Massey  
REGISTRATION NUMBER: 32,257  
REFERENCE/DOCKET NUMBER: ISPH-0346  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 609-810-1515  
TELEFAX: 609-810-1454  
INFORMATION FOR SEQ ID NO: 258:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
ANTI-SENSE: Yes  
US-09-280-805-258

Query Match 1.7%; Score 16.8; DB 1; Length 20;  
Best Local Similarity 90.0%; Pred. No. 2.5e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 316 GTAGAAACAGGCTTCACTG 335  
DB 20 GTAGAGACAGGCTTCACTG 1

RESULT 306  
US-09-280-805-262/C  
Sequence 262 Application US/09280805  
Patent No. 6184212  
GENERAL INFORMATION:  
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.  
APPLICANT: Graham, Brett P. Monica  
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2  
TITLE OF INVENTION: EXPRESSION  
NUMBER OF SEQUENCES: 271  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Law Offices of Jane Massey Licata  
STREET: 66 East Main Street  
CITY: Marlton  
STATE: NJ  
COUNTRY: U.S.A.  
ZIP: 08053  
COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE  
COMPUTER: IBM PC  
OPERATING SYSTEM: WINDOWS 95  
SOFTWARE: WORDPERFECT 6.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/280,805  
FILING DATE: herewith

CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 09/048,810  
FILING DATE: March 26, 1998  
ATTORNEY/AGENT INFORMATION:  
NAME: Licata, Jane Massey  
REGISTRATION NUMBER: 32,257  
REFERENCE/DOCKET NUMBER: ISPH-0346  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 609-810-1515  
TELEFAX: 609-810-1454  
INFORMATION FOR SEQ ID NO: 262:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
ANTI-SENSE: Yes  
US-09-280-805-262

Query Match 1.7%; Score 16.8; DB 1; Length 20;  
Best Local Similarity 90.0%; Pred. No. 2.5e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 213 GGTCGACTCCCGACTC 232  
DB 20 GGTCGACTCCTGACTC 1

RESULT 307  
US-09-280-805-265/C  
Sequence 265 Application US/09280805  
Patent No. 6184212  
GENERAL INFORMATION:  
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.  
APPLICANT: Graham, Brett P. Monica  
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2  
TITLE OF INVENTION: EXPRESSION  
NUMBER OF SEQUENCES: 271  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Law Offices of Jane Massey Licata  
STREET: 66 East Main Street  
CITY: Marlton  
STATE: NJ  
COUNTRY: U.S.A.  
ZIP: 08053  
COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE  
COMPUTER: IBM PC  
OPERATING SYSTEM: WINDOWS 95  
SOFTWARE: WORDPERFECT 6.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/280,805  
FILING DATE: herewith  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 09/048,810  
FILING DATE: March 26, 1998  
ATTORNEY/AGENT INFORMATION:  
NAME: Licata, Jane Massey  
REGISTRATION NUMBER: 32,257  
REFERENCE/DOCKET NUMBER: ISPH-0346  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 609-810-1515  
TELEFAX: 609-810-1454  
INFORMATION FOR SEQ ID NO: 265:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
ANTI-SENSE: Yes  
US-09-280-805-265

Query Match 1.7%; Score 16.8; DB 1; Length 20;  
Best Local Similarity 90.0%; Pred. No. 2.5e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 842 GCGCTGGCTGGCTCCCAA 861  
DB 20 GCCCACCCTGGCTCCCAA 1

RESULT 308  
US-09-455-683-5  
Sequence 5, Application US/09455683  
Patent No. 6262250

GENERAL INFORMATION:

APPLICANT: BLUMENFELD, ANAT; GUSELLA, JAMES F;  
BRAKEFIELD, XANDRA, O;  
SLAUGENHAUPT, SUSAN

TITLE OF INVENTION: USE OF GENETIC MARKERS TO  
DIAGNOSE FAMILIAL DYSAUTONOMIA

NUMBER OF SEQUENCES: 34

CORRESPONDENCE ADDRESS:

ADDRESSEE: MORGAN & FINNEGAN, L.L.P.

STREET: 345 PARK AVENUE

CITY: NEW YORK

STATE: NEW YORK

COUNTRY: USA

ZIP: 10154

COMPUTER READABLE FORM:

MEDIUM TYPE: FLOPPY DISK

COMPUTER: IBM PC COMPATIBLE

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: ASCII

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/455,683

FILING DATE: 07-Dec-1999

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/480,655

FILING DATE: 07-JUNE-1995

APPLICATION NUMBER: 08/049,678

FILING DATE: 16-APRIL-1993

APPLICATION NUMBER: US/07/890,719

FILING DATE: 29-MAY-1992

ATTORNEY/AGENT INFORMATION:

NAME: KENNETH H. SONNENFELD

REGISTRATION NUMBER: 33,285

REFERENCE/DOCKET NUMBER: 1829-4001US2

TELECOMMUNICATION INFORMATION:

TELEPHONE: 212-451-8513

TELEFAX: 212-751-6849

INFORMATION FOR SEQ ID NO: 5:

SEQUENCE CHARACTERISTICS:

LENGTH: 20 BASE PAIRS

TYPE: NUCLEIC ACID

STRANDEDNESS: SINGLE

TOPOLOGY: UNKNOWN

MOLECULE TYPE: OLIGONUCLEOTIDE

HYPOTHETICAL: NO

FEATURE:

NAME/KEY: PRIMER SEQUENCE FOR D9S58 LOCUS

LOCATION: CHROMOSOME 9

PUBLICATION INFORMATION:

AUTHORS: KWATKOWSKI, DAVID J;

HENSEKE, ELIZABETH P; WEIMER, KIM;

OZEILUS, LAURIE; GUSELLA, JAMES J;

HAINES, JONATHAN

TITLE: CONSTRUCTION OF A GT POLYMORPHISM

MAP OF HUMAN 9Q

JOURNAL: GENOMICS

VOLUME: 12

ISSUE:

PAGES: 229-240

DATE: 1992

SEQUENCE DESCRIPTION: SEQ ID NO: 5:  
US-09-455-683-5

Query Match 1.7%; Score 16.8; DB 1; Length 20;  
Best Local Similarity 90.0%; Pred. No. 2.5e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 725 CCTGAGTAGCTGGAGCTACA 744  
DB 1 CCTGAGTAGCTGGAGCTACA 20

RESULT 309

US-09-496-694B-233/c

Sequence 233, Application US/09496694B

Patent No. 6335194

GENERAL INFORMATION:

APPLICANT: C. Frank Bennett

APPLICANT: Elizabeth J. Ackermann

APPLICANT: Eric E. Swayze

APPLICANT: Lex M. Coweart

TITLE OF INVENTION: ANTISENSE MODULATION OF SURVIVIN EXPRESSION

FILE REFERENCE: ISPH-0439

CURRENT APPLICATION NUMBER: US/09/496,694B

CURRENT FILING DATE: 2000-02-02

PRIOR APPLICATION NUMBER: 09/286,407

PRIOR FILING DATE: 1999-04-05

PRIOR APPLICATION NUMBER: 09/163,162

PRIOR FILING DATE: 1998-09-29

NUMBER OF SEQ ID NOS: 249

SEQ ID NO 233

LENGTH: 20

TYPE: DNA

FEATURE: Artificial Sequence

OTHER INFORMATION: Antisense Oligonucleotide

US-09-496-694B-233

Query Match 1.7%; Score 16.8; DB 1; Length 20;  
Best Local Similarity 90.0%; Pred. No. 2.5e+02;

Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 872 TACAGCGGTGAGCCACACG 891  
DB 20 TAAAGTGTGAGCCACACG 1

RESULT 310

US-09-662-250A-75

Sequence 75, Application US/09662250A

Patent No. 6368856

GENERAL INFORMATION:

APPLICANT: Brett P. Monia

APPLICANT: Jacqueline Wyatt

TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHORYLASE KINASE BETA EXPRESSION

FILE REFERENCE: RTS-0129

CURRENT APPLICATION NUMBER: US/09/662,250A

CURRENT FILING DATE: 2000-09-14

NUMBER OF SEQ ID NOS: 102

SEQ ID NO 75

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Antisense Oligonucleotide

US-09-662-250A-75

Query Match 1.7%; Score 16.8; DB 1; Length 20;  
Best Local Similarity 90.0%; Pred. No. 2.5e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 675 TCAGTGCAACTCTGCTCC 694  
|||||

Db 1 TCACTGCACCTCCGCTCC 20

## RESULT 311

US-09-798-096-16  
; Sequence 16, Application US/09798096  
; Patent No. 639378  
; GENERAL INFORMATION:  
; APPLICANT: Donna T. Ward  
; TITLE OF INVENTION: ANTISENSE MODULATION OF RECOL2 EXPRESSION  
; FILE REFERENCE: RTS-0207  
; CURRENT APPLICATION NUMBER: US/09/798,096  
; CURRENT FILING DATE: 2001-03-01  
; NUMBER OF SEQ ID NOS: 89  
; SEQ ID NO 16  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-798-096-16

Query Match 1.7%; Score 16.8; DB 1; Length 20;  
Best Local Similarity 90.0%; Pred. No. 2.5e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 866 TGGATTACAGGCGCTGAGCC 865  
Db 1 TAGGATTACAGGTGTGAGCC 20

## RESULT 312

US-09-780-175-24/c  
; Sequence 24, Application US/09780175  
; Patent No. 6440738  
; GENERAL INFORMATION:  
; APPLICANT: Robert McKay  
; APPLICANT: Susan M. Freier  
; APPLICANT: Jacqueline Wyatt  
; TITLE OF INVENTION: ANTISENSE MODULATION OF CASEIN KINASE 2-BETA EXPRESSION  
; FILE REFERENCE: RTS-0164  
; CURRENT APPLICATION NUMBER: US/09/780,175  
; CURRENT FILING DATE: 2001-02-08  
; NUMBER OF SEQ ID NOS: 154  
; SEQ ID NO 24  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-780-175-24

Query Match 1.7%; Score 16.8; DB 1; Length 20;  
Best Local Similarity 90.0%; Pred. No. 2.5e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 969 CTCGGCTCAGCGACCTCT 988  
Db 20 CTCGGCTTACTGCCACTCT 1

## RESULT 313

US-09-780-173A-19/c  
; Sequence 19, Application US/09780173A  
; Patent No. 6455307  
; GENERAL INFORMATION:  
; APPLICANT: Robert McKay  
; APPLICANT: Susan M. Freier  
; APPLICANT: Jacqueline Wyatt  
; TITLE OF INVENTION: ANTISENSE MODULATION OF CASEIN KINASE 2-ALPHA PRIME EXPRESSION  
; FILE REFERENCE: RTS-0165  
; CURRENT APPLICATION NUMBER: US/09/780,173A

; CURRENT FILING DATE: 2001-02-08  
; NUMBER OF SEQ ID NOS: 95  
; SEQ ID NO 19  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-780-173A-19

Query Match 1.7%; Score 16.8; DB 1; Length 20;  
Best Local Similarity 90.0%; Pred. No. 2.5e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 658 AGTGGCGCATCTTGCTCA 677  
Db 20 AGTGGCGCATCTCAGCTCA 1

## RESULT 314

US-09-780-173A-21/c  
; Sequence 21, Application US/09780173A  
; Patent No. 6455307  
; GENERAL INFORMATION:  
; APPLICANT: Robert McKay  
; APPLICANT: Susan M. Freier  
; APPLICANT: Jacqueline Wyatt  
; TITLE OF INVENTION: ANTISENSE MODULATION OF CASEIN KINASE 2-ALPHA PRIME EXPRESSION  
; FILE REFERENCE: RTS-0165  
; CURRENT APPLICATION NUMBER: US/09/780,173A  
; CURRENT FILING DATE: 2001-02-08  
; NUMBER OF SEQ ID NOS: 95  
; SEQ ID NO 21  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-780-173A-21

Query Match 1.7%; Score 16.8; DB 1; Length 20;  
Best Local Similarity 90.0%; Pred. No. 2.5e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 993 CCCGGCTCAAGCGATTCTC 1012  
Db 20 CCTGTTCAGCGATTCTC 1

RESULT 315  
US-09-780-049-83/c  
; Sequence 83, Application US/09780049  
; Patent No. 6465250  
; GENERAL INFORMATION:  
; APPLICANT: Brett P. Monia  
; APPLICANT: Jacqueline Wyatt  
; TITLE OF INVENTION: ANTISENSE MODULATION OF PROTEIN PHOSPHATASE 2 CATALYTIC SUBUNIT  
; FILE REFERENCE: RTS-0134  
; CURRENT APPLICATION NUMBER: US/09/780,049  
; CURRENT FILING DATE: 2001-02-09  
; NUMBER OF SEQ ID NOS: 96  
; SEQ ID NO 83  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-780-049-83

Query Match 1.7%; Score 16.8; DB 1; Length 20;  
Best Local Similarity 90.0%; Pred. No. 2.5e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 875 AGCGGTGACCAACACGCC 894  
Db 20 AGCGGTGACCACTTGCCCC 1

RESULT 316  
US-09-657-346A-52  
; Sequence 52, Application US/09657346A  
; Patent No. 6503754  
; GENERAL INFORMATION:  
; APPLICANT: Hong Zhang  
; APPLICANT: Jacqueline Wyatt  
; TITLE OF INVENTION: ANTISENSE MODULATION OF BH3 INTERACTING DOMAIN DEATH AGONIST  
; FILE REFERENCE: RTS-0135  
; CURRENT APPLICATION NUMBER: US/09/657,346A  
; CURRENT FILING DATE: 2000-09-07  
; NUMBER OF SEQ ID NOS: 174  
; SEQ ID NO 52  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-657-346A-52

Query Match 1.7%; Score 16.8; DB 1; Length 20;  
Best Local Similarity 90.0%; Pred. No. 2.5e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 772 TTGTATTTTGTAGTAGATG 791  
Db 1 TTGTATTTTGTAGTAGAGAG 20

RESULT 317  
US-09-060-299-302/c  
; Sequence 302, Application US/09060299  
; Patent No. 6545137  
; GENERAL INFORMATION:  
; APPLICANT: Todd, John A  
; APPLICANT: Hess, John W  
; APPLICANT: Caskey, Charles T  
; APPLICANT: Cox, Roger D  
; APPLICANT: Gerhold, David  
; APPLICANT: Hammond, Holly  
; APPLICANT: Hey, Patricia  
; APPLICANT: Kawaguchi, Yoshihiko  
; APPLICANT: Metzger, Tony R  
; APPLICANT: Metzger, Michael L  
; TITLE OF INVENTION: No. 6545137el Receptor  
; NUMBER OF SEQUENCES: 455  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Nixon and Vanderhye  
; STREET: 1100 No. 6545137th Glebe Road, Eighth Floor  
; CITY: Arlington  
; STATE: Virginia  
; COUNTRY: US  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patentin Release #1.0, Version #1.25 (EPO)  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/060,299  
; FILING DATE: 15-APR-1998  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 60/043,553  
; FILING DATE: 15-APR-1997  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 60/048,740

; FILING DATE: 05-JUN-1997  
; ATTORNEY/AGENT INFORMATION:  
; NAME: B.J. Sadoff  
; REGISTRATION NUMBER: 36,663  
; REFERENCE/DOCKET NUMBER: 620-35  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (703) 816-4091  
; TELEFAX: (703) 816-4100  
; INFORMATION FOR SEQ ID NO: 302:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
US-09-060-299-302

Query Match 1.7%; Score 16.8; DB 1; Length 20;  
Best Local Similarity 90.0%; Pred. No. 2.5e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 484 AGTGGTGATCAGCTCA 503  
Db 20 AGCGGTGATCTCAGCTCA 1

RESULT 318  
US-09-402-923A-302/c  
; Sequence 302, Application US/09402923A  
; Patent No. 6555654  
; GENERAL INFORMATION:  
; APPLICANT: Todd, John A  
; APPLICANT: Hess, John W  
; APPLICANT: Caskey, Charles T  
; APPLICANT: Cox, Roger D  
; APPLICANT: Gerhold, David  
; APPLICANT: Hammond, Holly  
; APPLICANT: Hey, Patricia  
; APPLICANT: Kawaguchi, Yoshihiko  
; APPLICANT: Metzger, Tony R  
; APPLICANT: Metzger, Michael L  
; TITLE OF INVENTION: No. 6555654el LDL-Receptor  
; NUMBER OF SEQUENCES: 455  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Nixon and Vanderhye  
; STREET: 1100 No. 6555654th Glebe Road, Eighth Floor  
; CITY: Arlington  
; STATE: Virginia  
; COUNTRY: US  
; ZIP: VA 22201-4714  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patentin Release #1.0, Version #1.25 (EPO)  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/402,923A  
; FILING DATE: 14-Feb-2001  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: PCT/GB98/01102  
; FILING DATE: 15-APR-1998  
; APPLICATION NUMBER: US 60/043,553  
; FILING DATE: 15-APR-1997  
; APPLICATION NUMBER: US 60/048,740  
; FILING DATE: 05-JUN-1997  
; ATTORNEY/AGENT INFORMATION:  
; NAME: B.J. Sadoff  
; REGISTRATION NUMBER: 36,663  
; REFERENCE/DOCKET NUMBER: 620-81  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (703) 816-4091  
; TELEFAX: (703) 816-4100  
; INFORMATION FOR SEQ ID NO: 302:  
; SEQUENCE CHARACTERISTICS:

LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
SEQUENCE DESCRIPTION: SEQ ID NO: 302;  
US-09-402-923A-302

Query Match 1.7%; Score 16.8; DB 1; Length 20;  
Best Local Similarity 90.0%; Pred. No. 2.5e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 484 AGCGGTGTGATCTCAGCTCA 503  
DB 20 AGCGGTGTGATCTCAGCTCA 1

RESULT 319  
US-09-953-318-98  
Sequence 98, Application US/09953318  
Patent No. 6710174  
GENERAL INFORMATION:  
APPLICANT: C. Frank Bennett  
TITLE OF INVENTION: ANTISENSE MODULATION OF VASCULAR ENDOTHELIAL GROWTH FACTOR RECEPTOR  
FILE REFERENCE: RTS-0232  
CURRENT APPLICATION NUMBER: US/09/953,318  
CURRENT FILING DATE: 2001-09-13  
NUMBER OF SEQ ID NOS: 154  
SEQ ID NO 98  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-09-953-318-98

Query Match 1.7%; Score 16.8; DB 1; Length 20;  
Best Local Similarity 90.0%; Pred. No. 2.5e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 885 CACCACGCCGCGCTTATTTT 904  
DB 1 CACCACGCCGCGCTTATTTT 20

RESULT 320  
US-09-911-935C-16/c  
Sequence 16, Application US/09911935C  
Patent No. 6753422  
GENERAL INFORMATION:  
APPLICANT: O'BRIEN, Thomas  
TITLE OF INVENTION: ODC Allelic Analysis Method for Assessing Carcinogenic Susceptibility  
FILE REFERENCE: 9855-3202  
CURRENT APPLICATION NUMBER: US/09/911,935C  
CURRENT FILING DATE: 2001-07-24  
PRIOR APPLICATION NUMBER: US 60/122,301  
PRIOR FILING DATE: 1999-03-01  
PRIOR APPLICATION NUMBER: 09/516,357  
PRIOR FILING DATE: 2000-03-01  
NUMBER OF SEQ ID NOS: 36  
SOFTWARE: PatentIn version 3.1  
SEQ ID NO 16  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Forward primer in Example 3  
US-09-911-935C-16

Query Match 1.7%; Score 16.8; DB 1; Length 20;  
Best Local Similarity 90.0%; Pred. No. 2.5e+02;

Matches: 18; Conservative 0; Mismatches: 2; Indels 0; Gaps 0;

QY 684 CCTGTGCTCTCCCGGTTTCAA 703  
DB 20 CCTGTGCTCTCCCGGTTTCAA 1

RESULT 321  
PCT-US95-10202-9/c  
Sequence 9, Application PC/TUS9510202  
GENERAL INFORMATION:  
APPLICANT: Shattuck-Eidens, Donna M.  
APPLICANT: Simard, Jacques  
APPLICANT: Emi, Mitsuru  
APPLICANT: Nakamura, Yunsuke  
TITLE OF INVENTION: In Vivo Mutations and Polymorphisms  
TITLE OF INVENTION: In the 17q-linked Breast and Ovarian Cancer  
TITLE OF INVENTION: Susceptibility Gene  
NUMBER OF SEQUENCES: 85  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Venable, Baetjer, Howard & Civiletti, LLP  
STREET: 1201 New York Avenue, N.W., Suite 1000  
CITY: Washington  
STATE: DC  
COUNTRY: USA  
ZIP: 20005  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: PCT/US95/10202  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US  
FILING DATE: 07-JUN-1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/409,305  
FILING DATE: 24-MAR-1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/348,824  
FILING DATE: 29-NOV-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08-308,104  
FILING DATE: 16-SEP-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/300,266  
FILING DATE: 02-SEP-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/289,221  
FILING DATE: 12-AUG-1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Immen, Jeffrey L.  
REGISTRATION NUMBER: 28,957  
REFERENCE/DOCKET NUMBER: 24884-109347  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 202-962-4810  
TELEFAX: 202-962-8300  
INFORMATION FOR SEQ ID NO: 9:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
HYPOTHETICAL: NO  
ORIGINAL SOURCE:  
ORGANISM: Homo sapiens  
IMMEDIATE SOURCE:  
CLONE: tdj1239 A

PCT-US95-10202-9

Query Match 1.7%; Score 16.8; DB 1; Length 20;  
Best Local Similarity 90.0%; Pred. No. 2.5e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 681 CAACCTCTGCTCCCGGGTT 700

DB 20 CAACCTCTGCTCCAGGTT 1

RESULT 322  
PCT-US95-10203-9/c

Sequence 9, Application PC/TUS9510203

GENERAL INFORMATION:

APPLICANT: Skolnick, Mark H.

APPLICANT: Goldgar, David E.

APPLICANT: Miki, Yoshio

APPLICANT: Swenson, Jeff

APPLICANT: Kamb, Alexander

APPLICANT: Harshman, Keith D.

APPLICANT: Shattuck-Eidens, Donna M.

APPLICANT: Tavligian, Sean V.

APPLICANT: Wiseman, Roger W.

APPLICANT: Futreal, P. Andrew

TITLE OF INVENTION: 17q-linked Breast and Ovarian Cancer

NUMBER OF SEQUENCES: 85

CORRESPONDENCE ADDRESS: 85

ADDRESSEE: Venable, Baetjer, Howard &amp; Civiletti, LLP

STREET: 1201 New York Avenue, N.W., Suite 1000

CITY: Washington

STATE: DC

COUNTRY: USA

ZIP: 20005

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: PCT/US95/10203

FILING DATE:

CLASSIFICATION:

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US

FILING DATE: 07-JUN-1995

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/409,305

FILING DATE: 24-MAR-1995

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/348,824

FILING DATE: 29-NOV-1994

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08-308,104

FILING DATE: 16-SEP-1994

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/300,266

FILING DATE: 02-SEP-1994

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/289,221

FILING DATE: 12-AUG-1994

ATTORNEY/AGENT INFORMATION:

NAME: Ihnen, Jeffrey L.

REGISTRATION NUMBER: 28,957

REFERENCE/DOCKET NUMBER: 24884-109347

TELECOMMUNICATION INFORMATION:

TELEPHONE: 202-962-4810

TELEFAX: 202-962-8300

INFORMATION FOR SEQ ID NO: 9:

SEQUENCE CHARACTERISTICS:

LENGTH: 20 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: DNA (genomic)

HYPOTHETICAL: NO

ORIGINAL SOURCE:

ORGANISM: Homo sapiens

IMMEDIATE SOURCE:

CLONE: tdj1239 A

Query Match 1.7%; Score 16.8; DB 1; Length 20;  
Best Local Similarity 90.0%; Pred. No. 2.5e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 681 CAACCTCTGCTCCCGGGTT 700

DB 20 CAACCTCTGCTCCAGGTT 1

RESULT 323  
PCT-US95-10220-9/c

Sequence 9, Application PC/TUS9510220

GENERAL INFORMATION:

APPLICANT: Skolnick, Mark H.

APPLICANT: Goldgar, David E.

APPLICANT: Miki, Yoshio

APPLICANT: Swenson, Jeff

APPLICANT: Kamb, Alexander

APPLICANT: Harshman, Keith D.

APPLICANT: Shattuck-Eidens, Donna M.

APPLICANT: Tavligian, Sean V.

APPLICANT: Wiseman, Roger W.

APPLICANT: Futreal, P. Andrew

TITLE OF INVENTION: Method for Diagnosing a

NUMBER OF SEQUENCES: 85

CORRESPONDENCE ADDRESS:

ADDRESSEE: Venable, Baetjer, Howard &amp; Civiletti, LLP

STREET: 1201 New York Avenue, N.W., Suite 1000

CITY: Washington

STATE: DC

COUNTRY: USA

ZIP: 20005

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: PCT/US95/10220

FILING DATE:

CLASSIFICATION:

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US

FILING DATE: 07-JUN-1995

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/409,305

FILING DATE: 24-MAR-1995

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/348,824

FILING DATE: 29-NOV-1994

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08-308,104

FILING DATE: 16-SEP-1994

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/300,266

FILING DATE: 02-SEP-1994

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/289,221

FILING DATE: 12-AUG-1994

ATTORNEY/AGENT INFORMATION:

NAME: Ihnen, Jeffrey L.

REGISTRATION NUMBER: 28,957



```
REFERENCE/DOCKET NUMBER: 24884-109347
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-962-4810
TELEFAX: 202-962-8300
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULAR TYPE: DNA (genomic)
HYPOTHETICAL: NO
ORIGINAL SOURCE:
ORGANISM: Homo sapiens
IMMEDIATE SOURCE:
CLONE: fdj1239 A
PCT-US95-10220-9

Query Match
Best Local Similarity 1.7%; Score 16.8; DB 1; Length 20;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 681 CAACCTCTGCTCCCGGTT 700
DB 20 CAACCTCTGCTCCAGTT 1

RESULT 324
US-09-422-978-6639/c
Sequence 6639, Application US/09422978
Patent No. 6537751
GENERAL INFORMATION:
APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Ballelic markers for use in constructing a high density...
FILE REFERENCE: GENSET.020CPI
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-11-23
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 6639
LENGTH: 21
TYPE: DNA
ORGANISM: Homo Sapiens
FEATURE:
NAME/KEY: primer_bind
LOCATION: 1..21
OTHER INFORMATION: upstream amplification primer 99-14743 for SEQ 2705,
US-09-422-978-6639

Query Match
Best Local Similarity 1.7%; Score 16.8; DB 1; Length 21;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 313 GTGGTAGAACAAGGTTTCA 332
DB 21 GTGGTAGAACAAGGTTTCA 2

RESULT 325
US-09-078-294-2/c
Sequence 2, Application US/09078294
Patent No. 6265211
GENERAL INFORMATION:
APPLICANT: Choo, Kong-Hong Andy
APPLICANT: Du Sart, Desiree
APPLICANT: Cancilla, Michael R.
```

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TITLE OF INVENTION: A NOVEL NUCLEIC ACID MOLECULE
FILE REFERENCE: Davies Col
CURRENT APPLICATION NUMBER: US/09/078,294
CURRENT FILING DATE: 1998-05-13
NUMBER OF SEQ ID NOS: 29
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 2
LENGTH: 19
TYPE: DNA
ORGANISM: DNA primer
US-09-078-294-2

Query Match
Best Local Similarity 1.7%; Score 16.6; DB 1; Length 19;
Matches 16; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 645 CAGCTGAGTGCAGTGC 663
DB 19 CAGCTGAGTGCARTGGY 1

RESULT 326
US-09-156-253-45
Sequence 45, Application US/09156253C
Patent No. 6001652
GENERAL INFORMATION:
APPLICANT: Monia, Brett P.
APPLICANT: Baker, Brenda F.
APPLICANT: Cowsett, Lex M.
TITLE OF INVENTION: Antisense Modulation of CREB Expression
FILE REFERENCE: RTS-0010
CURRENT APPLICATION NUMBER: US/09/156,253C
CURRENT FILING DATE: 1998-09-18
NUMBER OF SEQ ID NOS: 48
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 45
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-156-253-45

Query Match
Best Local Similarity 1.7%; Score 16.4; DB 1; Length 18;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 385 TCCCAAGTGTGGATT 402
DB 1 TCCCAAGTGTGGATT 18

RESULT 327
US-09-161-443-46/c
Sequence 46, Application US/09161443A
Patent No. 6020198
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Lex M. Cowsett
TITLE OF INVENTION: ANTISENSE MODULATION OF RIP-1 EXPRESSION
FILE REFERENCE: RTS-0011
CURRENT APPLICATION NUMBER: US/09/161,443A
CURRENT FILING DATE: 1998-09-25
NUMBER OF SEQ ID NOS: 47
SEQ ID NO 46
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-161-443-46

Query Match
Best Local Similarity 1.7%; Score 16.4; DB 1; Length 18;
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Best Local Similarity 94.4%; Pred. No. 2.4e+02;  
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1112 AGCGTGTCTCAACATCC 1129

DB 18 AGCGTGTCTCAACATCC 1

RESULT 328

US-09-161-443-47/C  
Sequence 47, Application US/09161443A

Patent No. 6020198

GENERAL INFORMATION:

APPLICANT: C. Frank Bennett

APPLICANT: Lex M. Cowsett

TITLE OF INVENTION: ANTISENSE MODULATION OF RIP-1 EXPRESSION

FILE REFERENCE: RTS-0011

CURRENT APPLICATION NUMBER: US/09/161,443A

CURRENT FILING DATE: 1998-09-25

NUMBER OF SEQ ID NOS: 47

SEQ ID NO 47

LENGTH: 18

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Antisense Oligonucleotide

US-09-161-443-47

Query Match 1.7%; Score 16.4; DB 1; Length 18;  
Best Local Similarity 94.4%; Pred. No. 2.4e+02;  
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 383 CCTCCCAAGTGTGGGA 400

DB 18 CCTCCCAAGTGTGGGA 1

RESULT 329

US-09-630-706-94  
Sequence 94, Application US/09630706

Patent No. 6277640

GENERAL INFORMATION:

APPLICANT: C. Frank Bennett

APPLICANT: Lex M. Cowsett

TITLE OF INVENTION: ANTISENSE MODULATION OF HRR-3 EXPRESSION

FILE REFERENCE: RTS-0053

CURRENT APPLICATION NUMBER: US/09/630,706

CURRENT FILING DATE: 2000-08-01

NUMBER OF SEQ ID NOS: 94

SEQ ID NO 94

LENGTH: 18

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Antisense Oligonucleotide

US-09-630-706-94

Query Match 1.7%; Score 16.4; DB 1; Length 18;  
Best Local Similarity 94.4%; Pred. No. 2.4e+02;  
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 685 CTCTGCTTCCCGGTTCA 702

DB 18 CTCTGCTTCCCGGTTCA 1

RESULT 331

US-09-544-398B-438  
Sequence 438, Application US/09544398B

Patent No. 6770461

GENERAL INFORMATION:

APPLICANT: Carnelli, John P.

APPLICANT: Little, Randall D.

APPLICANT: Recker, Robert R.

APPLICANT: Johnson, Mark L.

TITLE OF INVENTION: High bone mass gene of 11q13.3

FILE REFERENCE: 032796-013

CURRENT APPLICATION NUMBER: US/09/544,398B

CURRENT FILING DATE: 2002-06-10

PRIOR APPLICATION NUMBER: US 09/229,319

PRIOR FILING DATE: 1999-01-13

PRIOR APPLICATION NUMBER: US 60/071,449

PRIOR FILING DATE: 1998-01-13

PRIOR APPLICATION NUMBER: US 60/105,511

PRIOR FILING DATE: 1998-10-23

NUMBER OF SEQ ID NOS: 641

SOFTWARE: FastSeq for Windows Version 4.0

SEQ ID NO 438

LENGTH: 18

TYPE: DNA

ORGANISM: Homo sapiens

FEATURE:

OTHER INFORMATION: Antisense Oligonucleotide

US-09-544-398B-438

Query Match 1.7%; Score 16.4; DB 1; Length 18;  
Best Local Similarity 94.4%; Pred. No. 2.4e+02;  
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 392 GTGCTGGATTACAGGCG 409

DB 1 GTGCTGGATTACAGGCG 18

RESULT 332

US-08-767-979-10  
Sequence 10, Application US/08767979

Patent No. 5945283

GENERAL INFORMATION:

APPLICANT: Kwok, Pui-Yan

APPLICANT: Chen, Xiangning

APPLICANT: Method for Nucleic Acid Analysis Using

TITLE OF INVENTION: Method for Nucleic Acid Analysis Using

FILE REFERENCE: 032796-013

CURRENT APPLICATION NUMBER: US/08/767,979

CURRENT FILING DATE: 2002-06-10

PRIOR APPLICATION NUMBER: US 09/229,319

PRIOR FILING DATE: 1999-01-13

PRIOR APPLICATION NUMBER: US 60/071,449

PRIOR FILING DATE: 1998-01-13

PRIOR APPLICATION NUMBER: US 60/105,511

PRIOR FILING DATE: 1998-10-23

NUMBER OF SEQ ID NOS: 641

SOFTWARE: FastSeq for Windows Version 4.0

SEQ ID NO 438

LENGTH: 18

TYPE: DNA

ORGANISM: Homo sapiens

FEATURE:

OTHER INFORMATION: Antisense Oligonucleotide

US-09-544-398B-438

TITLE OF INVENTION: Fluorescence Resonance Energy Transfer  
NUMBER OF SEQUENCES: 34  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Howell & Hafeerkamp, L.C.  
STREET: 7733 Foreyth Boulevard, Suite 1400  
CITY: St. Louis  
STATE: MO  
COUNTRY: USA  
ZIP: 63105-1817  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/767,979  
FILING DATE: 17-DEC-1996  
CLASSIFICATION: 455  
ATTORNEY/AGENT INFORMATION:  
NAME: Holland, Donald R  
REGISTRATION NUMBER: 35,197  
REFERENCE/DOCKET NUMBER: 96-5219  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 314-727-5188  
TELEFAX: 314-727-6092  
INFORMATION FOR SEQ ID NO: 10:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: other nucleic acid  
DESCRIPTION: /desc = "D1858 PROBE; SYNTHETIC  
DESCRIPTION: NUCLEOTIDE SEQUENCE COMPLEMENTARY TO NUCLEOTIDES 21-39 IN SEQ ID  
DESCRIPTION: NO:8 AND SEQ ID NO:9; 5' END FLUORESCIN LABELLED CYTOSINE."  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
FEATURE:  
NAME/KEY: misc\_feature  
LOCATION: 1  
OTHER INFORMATION: /note= "N REPRESENTS 5' FLUORESCIN  
OTHER INFORMATION: LABELLED CYTOSINE,"  
FEATURE:  
NAME/KEY: misc\_feature  
LOCATION: 1  
US-08-767-979-10

Query Match 1.7%; Score 16.4; DB 1; Length 19;  
Best Local Similarity 94.4%; Pred. No. 2.5e+02;  
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 677 ACTGCAAGCTCTGCTCC 694  
DB 2 ACTGCAAGCTCTGCTCC 19

RESULT 333  
US-09-295-026-10  
Sequence 10, Application US/09295026  
Patent No. 6177249  
GENERAL INFORMATION:  
APPLICANT: Kwok, Pui-Yan  
Chen, Xiangning  
TITLE OF INVENTION: Method for Nucleic Acid Analysis Using  
Fluorescence Resonance Energy Transfer  
NUMBER OF SEQUENCES: 34  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Howell & Hafeerkamp, L.C.  
STREET: 7733 Foreyth Boulevard, Suite 1400  
CITY: St. Louis  
STATE: MO  
COUNTRY: USA  
ZIP: 63105-1817

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/295,026  
FILING DATE: 20-Apr-1999  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/767,979  
FILING DATE: <Unknown>  
ATTORNEY/AGENT INFORMATION:  
NAME: Holland, Donald R  
REGISTRATION NUMBER: 35,197  
REFERENCE/DOCKET NUMBER: 96-5219  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 314-727-5188  
TELEFAX: 314-727-6092  
INFORMATION FOR SEQ ID NO: 10:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: other nucleic acid  
DESCRIPTION: /desc = "D1858 PROBE; SYNTHETIC  
DESCRIPTION: NO  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
FEATURE:  
NAME/KEY: misc\_feature  
LOCATION: 1  
OTHER INFORMATION: /note= "N REPRESENTS 5' FLUORESCIN  
OTHER INFORMATION: LABELLED CYTOSINE,"  
FEATURE:  
NAME/KEY: misc\_feature  
LOCATION: 1  
SEQUENCE DESCRIPTION: SEQ ID NO: 10:  
US-09-295-026-10

Query Match 1.7%; Score 16.4; DB 1; Length 19;  
Best Local Similarity 94.4%; Pred. No. 2.5e+02;  
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 677 ACTGCAAGCTCTGCTCC 694  
DB 2 ACTGCAAGCTCTGCTCC 19

RESULT 334  
US-08-741-406-8/c  
Sequence 8, Application US/08741406  
Patent No. 572118  
GENERAL INFORMATION:  
APPLICANT: Scheffler, Immo E.  
TITLE OF INVENTION: Mammalian Artificial Chromosomes and  
Methods of Using Same  
NUMBER OF SEQUENCES: 16  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Campbell & Flores LLP  
STREET: 4370 La Jolla Village Drive, Suite 700  
CITY: San Diego  
STATE: California  
COUNTRY: United States  
ZIP: 92122  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/741,406  
FILING DATE:

CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 06/550,717  
FILING DATE: 31-OCT-1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Campbell, Cathryn A.  
REGISTRATION NUMBER: 31,815  
REFERENCE/DOCKET NUMBER: P-UD 2317  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (619) 535-9001  
TELEFAX: (619) 535-8949  
INFORMATION FOR SEQ ID NO: 8:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-741-406-8

Query Match 1.7%; Score 16.4; DB 1; Length 20;  
Best Local Similarity 94.4%; Pred. No. 2.7e+02;  
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 316 GTGAAACAGGCTTCAC 333  
|||||  
DB 20 GTAGAGACAGGCTTCAC 3

RESULT 335  
US-09-024-472-8/c  
Sequence 8, Application US/09024472  
Patent No. 6133503  
GENERAL INFORMATION:  
APPLICANT: Scheffler, Immo B.  
TITLE OF INVENTION: Mammalian Artificial Chromosomes and  
TITLE OF INVENTION: Methods of Using Same  
NUMBER OF SEQUENCES: 16  
CORRESPONDENCE ADDRESS:  
ADDRESSER: Campbell & Flores LLP  
STREET: 4370 La Jolla Village Drive, Suite 700  
CITY: San Diego  
STATE: California  
COUNTRY: United States  
ZIP: 92122  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/024,472  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/08/741,406  
FILING DATE:  
APPLICATION NUMBER: US 06/550,717  
FILING DATE: 31-OCT-1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Campbell, Cathryn A.  
REGISTRATION NUMBER: 31,815  
REFERENCE/DOCKET NUMBER: P-UD 2317  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (619) 535-9001  
TELEFAX: (619) 535-8949  
INFORMATION FOR SEQ ID NO: 8:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-09-024-472-8

Query Match 1.7%; Score 16.4; DB 1; Length 20;  
Best Local Similarity 94.4%; Pred. No. 2.7e+02;  
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
QY 316 GTGAAACAGGCTTCAC 333  
|||||  
DB 20 GTAGAGACAGGCTTCAC 3

RESULT 336  
US-09-479-005A-270  
Sequence 270, Application US/09479005A  
Patent No. 6656731  
GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals, Inc.  
TITLE OF INVENTION: Nucleic Acid Catalysts with Endonuclease Activity  
FILE REFERENCE: MHB00-884-C  
CURRENT FILING DATE: 2000-01-07  
PRIOR FILING DATE: 1999-11-19  
PRIOR APPLICATION NUMBER: US 09/444,209  
PRIOR FILING DATE: 1997-09-22  
PRIOR FILING DATE: 1998-09-22  
PRIOR APPLICATION NUMBER: US 60/059,473  
NUMBER OF SEQ ID NOS: 1208  
SOFTWARE: Patent In version 3.0  
SEQ ID NO 270  
LENGTH: 16  
TYPE: RNA  
ORGANISM: Homo sapiens  
US-09-479-005A-270

Query Match 1.6%; Score 16; DB 1; Length 16;  
Best Local Similarity 75.0%; Pred. No. 2.2e+02;  
Matches 12; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY 209 GGCTGATCTCGAATC 224  
|||||  
DB 1 GGCUGGUCUGAATC 16

RESULT 337  
US-09-347-114A-91/c  
Sequence 91, Application US/09347114A  
Patent No. 6297014  
GENERAL INFORMATION:  
APPLICANT: Kent D. Taylor (Inventor)  
APPLICANT: Maren T. Scheuner (Inventor)  
APPLICANT: Jerome I. Rotter (Inventor)  
APPLICANT: Huiying Yang (Inventor)  
TITLE OF INVENTION: Genetic Test to Determine  
TITLE OF INVENTION: No. 6297014-responsiveness to Statin Drug Treatment  
FILE REFERENCE: P07 41878  
CURRENT FILING DATE: 1999-07-02  
CURRENT FILING DATE: 1999-07-02  
NUMBER OF SEQ ID NOS: 110  
SOFTWARE: FastSeq for Windows Version 4.0  
SEQ ID NO 91  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-347-114A-91

Query Match 1.6%; Score 16; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 2.4e+02;  
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 939 GTTACCCAGGCTGAG 954  
|||||  
DB 16 GTTACCCAGGCTGAG 1

RESULT 338  
US-08-529-878B-33/C  
Sequence 33, Application US/08529878B  
Patent No. 593556  
GENERAL INFORMATION:  
APPLICANT: Tam, Robert C.  
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR  
NUMBER OF SEQUENCES: 48  
REGULATION OF CD28 EXPRESSION  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Crockett & Fish  
STREET: 3000 S. Augusta Court  
CITY: La Habra  
STATE: California  
COUNTRY: United States of America  
ZIP: 90631  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: WordPerfect 6.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/529,878B  
FILING DATE: 13-SEP-1995  
CLASSIFICATION: 424  
ATTORNEY/AGENT INFORMATION:  
NAME: Fish, Robert D.  
REGISTRATION NUMBER: 33,880  
REFERENCE/DOCKET NUMBER: 213/003  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 714-525-3433  
TELEFAX: 714-525-3303  
TELEX:  
INFORMATION FOR SEQ ID NO: 33:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: unknown  
TOPOLOGY: unknown  
MOLECULE TYPE: DNA (genomic)  
US-08-529-878B-33  
Query Match 1.6%; Score 16; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 2.6e+02;  
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 872 TACAGCGGTGAGCCAC 887  
Db 18 TACAGCGGTGAGCCAC 3  
RESULT 339  
US-09-091-952A-86/C  
Sequence 86, Application US/09091952A  
Patent No. 6458532  
GENERAL INFORMATION:  
APPLICANT: Deterra-Madleigh, Sevilla D.  
Gershon, Elliot S.  
Badner, Judith A.  
Goldin, Lynn R.  
Berrettini, Wade H.  
Yoshikawa, Takeo  
Sanders, Alan R.  
Esterling, Lisa E.  
TITLE OF INVENTION: Chromosomal Markers and Diagnostic  
Tests for Manic-Depressive Illness  
NUMBER OF SEQUENCES: 197  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Townsend and Crew LLP  
STREET: Two Embarcadero Center, Eighth Floor  
CITY: San Francisco  
STATE: CA  
COUNTRY: USA

ZIP: 94111-3834  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FastSeq for Windows Version 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/091,952A  
FILING DATE: 19-Apr-1999  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 60/029,278  
FILING DATE: 28-OCT-1996  
APPLICATION NUMBER: PCT/US97/19381  
FILING DATE: 28-OCT-1997  
ATTORNEY/AGENT INFORMATION:  
NAME: Smith, Timothy L.  
REGISTRATION NUMBER: 35,367  
REFERENCE/DOCKET NUMBER: 015280-297100US  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 576-0200  
TELEFAX: (415) 576-0300  
TELEX: <Unknown>  
INFORMATION FOR SEQ ID NO: 86:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
FEATURE:  
NAME/KEY: -  
LOCATION: 1...19  
OTHER INFORMATION: D18S378 forward primer  
US-09-091-952A-86  
Query Match 1.6%; Score 16; DB 1; Length 19;  
Best Local Similarity 100.0%; Pred. No. 2.7e+02;  
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 635 CTCGTACCCAGGCT 650  
Db 16 CTCGTACCCAGGCT 1  
RESULT 340  
US-09-496-694B-234/C  
Sequence 234, Application US/09496694B  
Patent No. 6335194  
GENERAL INFORMATION:  
APPLICANT: C. Frank Bennett  
APPLICANT: Elizabeth J. Ackermann  
APPLICANT: Eric R. Swayze  
APPLICANT: Lex M. Cowbert  
TITLE OF INVENTION: ANTISENSE MODULATION OF SURVIVIN EXPRESSION  
FILE REFERENCE: ISPH-0439  
CURRENT APPLICATION NUMBER: US/09/496,694B  
CURRENT FILING DATE: 2000-02-02  
PRIOR APPLICATION NUMBER: 09/286,407  
PRIOR FILING DATE: 1999-04-05  
PRIOR APPLICATION NUMBER: 09/163,162  
PRIOR FILING DATE: 1998-09-29  
NUMBER OF SEQ ID NOS: 249  
SEQ ID NO 234  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-09-496-694B-234  
Query Match 1.6%; Score 16; DB 1; Length 20;

Best Local Similarity 100.0%; Pred. No. 2.9e+02;  
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 884 CCACGCGCCGCGCTT 899  
|||||

Db 20 CCACGCGCCGCGCTT 5

## RESULT 341

US-08-222-177A-353/C

Sequence 353, Application US/08222177A

Patent No. 5582979

GENERAL INFORMATION:

APPLICANT: Weber, James L.

TITLE OF INVENTION: LENGTH POLYMORPHISMS IN

TITLE OF INVENTION: (dc-da)n (dc-dt)n SEQUENCES AND METHODS OF USING SAME

NUMBER OF SEQUENCES: 460

CORRESPONDENCE ADDRESS:

ADDRESSEE: Demilt Ross &amp; Stevens, S.C.

STREET: 8000 Excelsior Drive, Suite 401

CITY: Madison

STATE: Wisconsin

COUNTRY: USA

ZIP: 53717-1914

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/222,177A

FILING DATE:

CLASSIFICATION: 435

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 07/341,562

FILING DATE: 21-APR-1989

ATTORNEY/AGENT INFORMATION:

NAME: Sara, Charles S.

REGISTRATION NUMBER: 30,492

REFERENCE/DOCKET NUMBER: .09865.601

TELECOMMUNICATION INFORMATION:

TELEPHONE: (608) 831-2100

TELEFAX: (608) 831-2106

TELEX:

INFORMATION FOR SEQ ID NO: 353:

SEQUENCE CHARACTERISTICS:

LENGTH: 19 base pairs

TYPE: nucleic acid

STRANDEDNESS: double

TOPOLOGY: linear

MOLECULE TYPE: DNA (genomic)

IMMEDIATE SOURCE:

CLONE: md111p1

US-08-222-177A-353

Query Match

Best Local Similarity 89.5%; Pred. No. 2.8e+02;

Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 657 CAGTGGCGCATCTTGCT 675  
|||||

Db 19 CAGTGGCGCATCTTGCT 1

## RESULT 342

US-08-756-728A-1

Sequence 1, Application US/08756728A

Patent No. 5821354

GENERAL INFORMATION:

APPLICANT: Leclerc, Guy

APPLICANT: Martel, Remi

TITLE OF INVENTION: RADIOLABELLED DNA OLIGONUCLEOTIDE, METHOD

OF PREPARATION AND THERAPEUTIC USES THEREOF

NUMBER OF SEQUENCES: 7

CORRESPONDENCE ADDRESS:

ADDRESSEE: Klauber &amp; Jackson

STREET: 411 Hackensack Avenue, 4th Floor

CITY: Hackensack

STATE: New Jersey

COUNTRY: USA

ZIP: 07601

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/756,728A

FILING DATE: 26-NOV-1996

CLASSIFICATION: 514

ATTORNEY/AGENT INFORMATION:

NAME: Jackson Esq., David A.

REGISTRATION NUMBER: 26,742

REFERENCE/DOCKET NUMBER: 1398-1-001

TELECOMMUNICATION INFORMATION:

TELEPHONE: 201-487-5800

TELEFAX: 201-343-1684

TELEX: 133521

INFORMATION FOR SEQ ID NO: 1:

SEQUENCE CHARACTERISTICS:

LENGTH: 19 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: other nucleic acid

DESCRIPTION: /desc = "PRIMER"

HYPOTHETICAL: NO

US-08-756-728A-1

Query Match

Best Local Similarity 89.5%; Pred. No. 2.8e+02;

Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 427 TTTTATTTTATTTT 445  
|||||

Db 1 TTTTATTTTATTTT 19

## RESULT 343

US-08-117-952-623/C

Sequence 623, Application US/08117952

Patent No. 5851760

GENERAL INFORMATION:

APPLICANT: Evans, Glen A.

TITLE OF INVENTION: METHOD FOR GENERATION OF SEQUENCE

TITLE OF INVENTION: SAMPLED MAPS OF COMPLEX GENOMES

NUMBER OF SEQUENCES: 797

CORRESPONDENCE ADDRESS:

ADDRESSEE: Pretty, Schroeder, Brueggemann &amp; Clark

STREET: 444 South Flower Street, Suite 2000

CITY: Los Angeles

STATE: CA

COUNTRY: USA

ZIP: 90071

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/117,952

FILING DATE: 07-SEP-1993

CLASSIFICATION: 435

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/078,471

FILING DATE: 15-JUN-1993  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Reiter, Stephen E.  
 REGISTRATION NUMBER: 31,192  
 REFERENCE/DOCKET NUMBER: P41 9423  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: 619-546-4737  
 TELEFAX: 619-546-9392  
 INFORMATION FOR SEQ ID NO: 623:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 19 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 MOLECULE TYPE: Oligonucleotide  
 HYPOTHETICAL: NO  
 ANTI-SENSE: NO  
 US-08-117-952-623

Query Match 1.6%; Score 15.8; DB 1; Length 19;  
 Best Local Similarity 89.5%; Pred. No. 2.8e+02;  
 Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 637 CTGTCACCGAGCTGAGT 655  
 Db 19 CTGTCACCGAGCTGAGT 1

RESULT 344  
 US-08-469-852A-2  
 Sequence 2, Application US/08469852A  
 Patent No. 5874213  
 GENERAL INFORMATION:  
 APPLICANT: Cummins, Lendell L.  
 APPLICANT: Freiler, Susan M.  
 APPLICANT: Grifley, Richard  
 APPLICANT: Srivatsa, Susan G.  
 TITLE OF INVENTION: Capillary Electrophoretic Detection of  
 TITLE OF INVENTION: Nucleic Acids  
 NUMBER OF SEQUENCES: 4  
 CORRESPONDENCE ADDRESS:  
 ADDRESSER: Woodcock Washburn Kurtz Mackiewicz & No. 5874213tris LLP  
 STREET: One Liberty Place - 46th floor  
 CITY: Philadelphia  
 STATE: PA  
 COUNTRY: U.S.A.  
 ZIP: 19103  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: 3.5 inch disk, 1.44 Mb  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: Wordperfect 6.1  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/469,852A  
 FILING DATE: 06-JUN-1995  
 CLASSIFICATION: 435  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: 08/295,509  
 FILING DATE: 24-AUG-1994  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Michael P. Straher  
 REGISTRATION NUMBER: 38,325  
 REFERENCE/DOCKET NUMBER: ISIS-2015  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: 215-568-3100  
 TELEFAX: 215-568-3439  
 INFORMATION FOR SEQ ID NO: 2:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 19 bases  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 US-08-469-852A-2

Query Match 1.6%; Score 15.8; DB 1; Length 19;  
 Best Local Similarity 89.5%; Pred. No. 2.8e+02;  
 Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 427 TTTTATTTTATTTT 445  
 Db 1 TTTTATTTTATTTT 19

RESULT 345  
 US-08-271-882B-16  
 Sequence 16, Application US/08271882B  
 Patent No. 6017696  
 GENERAL INFORMATION:  
 APPLICANT: Michael J. Heller  
 APPLICANT: Eugene Tu  
 APPLICANT: Glen A. Evans  
 APPLICANT: Ronald G. Sosnowski  
 TITLE OF INVENTION: SELF-ADDRESSABLE  
 TITLE OF INVENTION: SELF-ASSEMBLING  
 TITLE OF INVENTION: MICROELECTRONIC SYSTEMS AND  
 TITLE OF INVENTION: DEVICES FOR  
 TITLE OF INVENTION: MOLECULAR BIOLOGICAL ANALYSIS  
 NUMBER OF SEQUENCES: 44  
 CORRESPONDENCE ADDRESS:  
 ADDRESSER: Lyon & Lyon  
 STREET: 633 West Fifth Street  
 CITY: Los Angeles  
 STATE: California  
 COUNTRY: USA  
 ZIP: 90071  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
 COMPUTER: storage  
 OPERATING SYSTEM: IBM P.C. DOS (Version 5.0)  
 SOFTWARE: Wordperfect (Version 5.1)  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/271,882B  
 FILING DATE: July 7, 1994  
 CLASSIFICATION:  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: 08/146,504  
 FILING DATE: No. 6017696member 1, 1993  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Murphy, David B.  
 REGISTRATION NUMBER: 31,125  
 REFERENCE/DOCKET NUMBER: 207/263  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (213) 489-1600  
 TELEFAX: (213) 955-0440  
 TLEAX: 67-3510  
 INFORMATION FOR SEQ ID NO: 16:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 19  
 TYPE: nucleic  
 TYPE: acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 US-08-271-882B-16

Query Match 1.6%; Score 15.8; DB 1; Length 19;  
 Best Local Similarity 89.5%; Pred. No. 2.8e+02;  
 Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 427 TTTTATTTTATTTT 445  
 Db 1 TTTTATTTTATTTT 19

RESULT 346

US-08-295-509B-2  
; Sequence 2, Application US/08295509B  
; Patent No. 6045995  
; GENERAL INFORMATION:  
; APPLICANT: Cummings, Lendell L.  
; APPLICANT: Freier, Susan M.  
; APPLICANT: Griffee, Richard  
; APPLICANT: Srivatsa, Susan G.  
; TITLE OF INVENTION: Capillary Electrophoretic Detection of  
; TITLE OF INVENTION: Nucleic Acids  
; NUMBER OF SEQUENCES: 4  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz and No. 604595xris  
; STREET: One Liberty Place - 46th Floor  
; CITY: Philadelphia  
; STATE: PA  
; COUNTRY: U.S.A.  
; ZIP: 19103  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5 inch disk, 1.44 Mb  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: WordPerfect 6.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/295,509B  
; FILING DATE: 24-AUG-1994  
; CLASSIFICATION: 435  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Michael P. Straher  
; REGISTRATION NUMBER: 38,325  
; REFERENCE/DOCKET NUMBER: ISIS-1395  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 215-568-3100  
; TELEFAX: 215-568-3439  
; INFORMATION FOR SEQ ID NO: 2:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 19 bases  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
US-08-295-509B-2

Query Match 1.6%; Score 15.8; DB 1; Length 19;  
Best Local Similarity 89.5%; Pred. No. 2.8e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 427 TTTTATTTTATTTT 445  
DB 1 TTTTATTTTATTTT 19

RESULT 347  
US-09-234-237-1  
; Sequence 1, Application US/09234237  
; Patent No. 6127124  
; GENERAL INFORMATION:  
; APPLICANT: Cummins, Janet M.  
; APPLICANT: Leedes, Janet M.  
; TITLE OF INVENTION: Fluorescence Based Nuclease Assay  
; FILE REFERENCE: ISIS3308  
; CURRENT APPLICATION NUMBER: US/09/234,237  
; CURRENT FILING DATE: 1999-01-20  
; NUMBER OF SEQ ID NOS: 1  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 1  
; LENGTH: 19  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: No. 6127124e1  
US-09-234-237-1

Query Match 1.6%; Score 15.8; DB 1; Length 19;  
Best Local Similarity 89.5%; Pred. No. 2.8e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 427 TTTTATTTTATTTT 445  
DB 1 TTTTATTTTATTTT 19

RESULT 348  
US-09-016-520-20  
; Sequence 20, Application US/09016520A  
; Patent No. 6127533  
; GENERAL INFORMATION:  
; APPLICANT: Cook, Phillip D.  
; APPLICANT: Manoharan, Muthiah  
; TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides  
; FILE REFERENCE: ISIS2824  
; CURRENT APPLICATION NUMBER: US/09/016,520A  
; CURRENT FILING DATE: 1998-01-30  
; EARLIER APPLICATION NUMBER: 60/037,143  
; EARLIER FILING DATE: 1997-02-14  
; NUMBER OF SEQ ID NOS: 47  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 20  
; LENGTH: 19  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; NAME/KEY: misc.feature  
; LOCATION: (15)..(18)  
; OTHER INFORMATION: 5-methyl-2'-aminoxyethoxy  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
US-09-016-520-20

Query Match 1.6%; Score 15.8; DB 1; Length 19;  
Best Local Similarity 89.5%; Pred. No. 2.8e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 427 TTTTATTTTATTTT 445  
DB 1 TTTTATTTTATTTT 19

RESULT 349  
US-09-016-520-21  
; Sequence 21, Application US/09016520A  
; Patent No. 6127533  
; GENERAL INFORMATION:  
; APPLICANT: Cook, Phillip D.  
; APPLICANT: Manoharan, Muthiah  
; APPLICANT: Kawasaki, Andrew  
; TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides  
; FILE REFERENCE: ISIS2824  
; CURRENT APPLICATION NUMBER: US/09/016,520A  
; CURRENT FILING DATE: 1998-01-30  
; EARLIER APPLICATION NUMBER: 60/037,143  
; EARLIER FILING DATE: 1997-02-14  
; NUMBER OF SEQ ID NOS: 47  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 21  
; LENGTH: 19  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; NAME/KEY: misc.feature  
; LOCATION: (15)..(18)  
; OTHER INFORMATION: 5-methyl-2'-dimethylaminoxyethoxy  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
US-09-016-520-21



OTHER INFORMATION: Sequence  
US-09-016-520-21

Query Match 1.6%; Score 15.8; DB 1; Length 19;  
Best Local Similarity 89.5%; Pred. No. 2.8e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 427 TTTTATTTTATTTT 445  
|||||  
1 TTTTATTTTATTTT 19

RESULT 350

US-09-016-520-22  
Sequence 22, Application US/09016520A  
Patent No. 6127533  
GENERAL INFORMATION:  
APPLICANT: Cook, Phillip D  
APPLICANT: Manoharan, Muthiah  
TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides  
FILE REFERENCE: ISIS2824  
CURRENT APPLICATION NUMBER: US/09/016,520A  
EARLIER FILING DATE: 1998-01-30  
EARLIER APPLICATION NUMBER: 60/037,143  
NUMBER OF SEQ ID NOS: 47  
SOFTWARE: Patentin Ver. 2.1  
SEQ ID NO 22  
LENGTH: 19  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
NAME/KEY: misc feature  
LOCATION: (15)..(19)  
OTHER INFORMATION: 2'-methoxyethoxy  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
US-09-016-520-22

Query Match 1.6%; Score 15.8; DB 1; Length 19;  
Best Local Similarity 89.5%; Pred. No. 2.8e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 427 TTTTATTTTATTTT 445  
|||||  
1 TTTTATTTTATTTT 19

RESULT 351

US-09-016-520-23  
Sequence 23, Application US/09016520A  
Patent No. 6127533  
GENERAL INFORMATION:  
APPLICANT: Cook, Phillip D  
APPLICANT: Manoharan, Muthiah  
APPLICANT: Kawasaki, Andrew  
TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides  
FILE REFERENCE: ISIS2824  
CURRENT APPLICATION NUMBER: US/09/016,520A  
EARLIER FILING DATE: 1998-01-30  
EARLIER APPLICATION NUMBER: 60/037,143  
NUMBER OF SEQ ID NOS: 47  
SOFTWARE: Patentin Ver. 2.1  
SEQ ID NO 23  
LENGTH: 19  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
NAME/KEY: misc feature  
LOCATION: (16)..(19)

OTHER INFORMATION: 5-methyl-2'-dimethylaminoxyethoxy  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
OTHER INFORMATION: Sequence  
US-09-016-520-23

Query Match 1.6%; Score 15.8; DB 1; Length 19;  
Best Local Similarity 89.5%; Pred. No. 2.8e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 427 TTTTATTTTATTTT 445  
|||||  
1 TTTTATTTTATTTT 19

RESULT 352

US-09-016-520-24  
Sequence 24, Application US/09016520A  
Patent No. 6127533  
GENERAL INFORMATION:  
APPLICANT: Cook, Phillip D  
APPLICANT: Manoharan, Muthiah  
TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides  
FILE REFERENCE: ISIS2824  
CURRENT APPLICATION NUMBER: US/09/016,520A  
EARLIER FILING DATE: 1998-01-30  
EARLIER APPLICATION NUMBER: 60/037,143  
NUMBER OF SEQ ID NOS: 47  
SOFTWARE: Patentin Ver. 2.1  
SEQ ID NO 24  
LENGTH: 19  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
NAME/KEY: misc feature  
LOCATION: (16)..(19)  
OTHER INFORMATION: 5-methyl-2'-methoxyethoxy  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
US-09-016-520-24

Query Match 1.6%; Score 15.8; DB 1; Length 19;  
Best Local Similarity 89.5%; Pred. No. 2.8e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 427 TTTTATTTTATTTT 445  
|||||  
1 TTTTATTTTATTTT 19

RESULT 353

US-09-016-520-25  
Sequence 25, Application US/09016520A  
Patent No. 6127533  
GENERAL INFORMATION:  
APPLICANT: Cook, Phillip D  
APPLICANT: Manoharan, Muthiah  
APPLICANT: Kawasaki, Andrew  
TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides  
FILE REFERENCE: ISIS2824  
CURRENT APPLICATION NUMBER: US/09/016,520A  
EARLIER FILING DATE: 1998-01-30  
EARLIER APPLICATION NUMBER: 60/037,143  
NUMBER OF SEQ ID NOS: 47  
SOFTWARE: Patentin Ver. 2.1  
SEQ ID NO 25  
LENGTH: 19  
TYPE: DNA  
ORGANISM: Artificial Sequence

```
/
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: (16)-(19)
/ OTHER INFORMATION: 5-methyl-2'-O-propyl
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: Synthetic
/ OTHER INFORMATION: Sequence
US-09-016-520-25

Query Match          1.6%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 2.8e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      427 TTTTATTTTATTTT 445
Db      1 TTTTATTTTATTTT 19

RESULT 354
US-09-016-520-26
/ Sequence 26, Application US/09016520A
/ Patent No. 6127533
/ GENERAL INFORMATION:
/ APPLICANT: Cook, Phillip D
/ APPLICANT: Manoharan, Muthiah
/ APPLICANT: Kawasaki, Andrew
/ TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides
/ FILE REFERENCE: ISIS2824
/ CURRENT APPLICATION NUMBER: US/09/016,520A
/ EARLIER FILING DATE: 1998-01-30
/ EARLIER APPLICATION NUMBER: 60/037,143
/ NUMBER OF SEQ ID NOS: 47
/ SOFTWARE: Patentin Ver. 2.1
/ SEQ ID NO 26
/ LENGTH: 19
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: (18)
/ OTHER INFORMATION: 5-methyl-2'-dimethylaminoxyethoxy
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: Synthetic
/ OTHER INFORMATION: Sequence
US-09-016-520-26

Query Match          1.6%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 2.8e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      427 TTTTATTTTATTTT 445
Db      1 TTTTATTTTATTTT 19

RESULT 355
US-09-016-520-27
/ Sequence 27, Application US/09016520A
/ Patent No. 6127533
/ GENERAL INFORMATION:
/ APPLICANT: Cook, Phillip D
/ APPLICANT: Manoharan, Muthiah
/ APPLICANT: Kawasaki, Andrew
/ TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides
/ FILE REFERENCE: ISIS2824
/ CURRENT APPLICATION NUMBER: US/09/016,520A
/ EARLIER FILING DATE: 1998-01-30
/ EARLIER APPLICATION NUMBER: 60/037,143
/ NUMBER OF SEQ ID NOS: 47
/ SOFTWARE: Patentin Ver. 2.1
/ SEQ ID NO 27
```

```
/
/ LENGTH: 19
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: (18)
/ OTHER INFORMATION: 5-methyl-2'-methoxyethoxy
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: Synthetic
/ OTHER INFORMATION: Sequence
US-09-016-520-27

Query Match          1.6%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 2.8e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      427 TTTTATTTTATTTT 445
Db      1 TTTTATTTTATTTT 19

RESULT 356
US-09-016-520-31
/ Sequence 31, Application US/09016520A
/ Patent No. 6127533
/ GENERAL INFORMATION:
/ APPLICANT: Cook, Phillip D
/ APPLICANT: Manoharan, Muthiah
/ APPLICANT: Kawasaki, Andrew
/ TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides
/ FILE REFERENCE: ISIS2824
/ CURRENT APPLICATION NUMBER: US/09/016,520A
/ EARLIER FILING DATE: 1998-01-30
/ EARLIER APPLICATION NUMBER: 60/037,143
/ NUMBER OF SEQ ID NOS: 47
/ SOFTWARE: Patentin Ver. 2.1
/ SEQ ID NO 31
/ LENGTH: 19
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: (15)-(18)
/ OTHER INFORMATION: 5-methyl-2'-dimethylaminoxyethoxy
/ OTHER INFORMATION: Sequence
US-09-016-520-31

Query Match          1.6%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 2.8e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      427 TTTTATTTTATTTT 445
Db      1 TTTTATTTTATTTT 19

RESULT 357
US-09-016-520-33
/ Sequence 33, Application US/09016520A
/ Patent No. 6127533
/ GENERAL INFORMATION:
/ APPLICANT: Cook, Phillip D
/ APPLICANT: Manoharan, Muthiah
/ APPLICANT: Kawasaki, Andrew
/ TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides
/ FILE REFERENCE: ISIS2824
/ CURRENT APPLICATION NUMBER: US/09/016,520A
/ EARLIER FILING DATE: 1998-01-30
/ EARLIER APPLICATION NUMBER: 60/037,143
/ EARLIER FILING DATE: 1997-02-14
```

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/ NUMBER OF SEQ ID NOS: 47
/ SOFTWARE: Patentin Ver. 2.1
/ SEQ ID NO 33
/ LENGTH: 19
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: Synthetic
/ OTHER INFORMATION: Sequence
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: (16)..(19)
/ OTHER INFORMATION: 5-methyl-2'-dimethylaminoxyethoxy
US-09-016-520-33
```

```
Query Match 1.6%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 2.8e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
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```
QY 427 TTTTATTTTATTTT 445
DB 1 TTTTATTTTATTTT 19
```

```
RESULT 358
US-09-016-520-34
/ Sequence 34, Application US/09016520A
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```
/ Patent No. 6127533
/ GENERAL INFORMATION:
/ APPLICANT: Cook, Phillip D
/ APPLICANT: Manoharan, Muthiah
/ APPLICANT: Kawasaki, Andrew
/ TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides
/ FILE REFERENCE: ISIS2824
/ CURRENT APPLICATION NUMBER: US/09/016,520A
/ EARLIER FILING DATE: 1998-01-30
/ EARLIER APPLICATION NUMBER: 60/037,143
/ EARLIER FILING DATE: 1997-02-14
/ NUMBER OF SEQ ID NOS: 47
/ SOFTWARE: Patentin Ver. 2.1
/ SEQ ID NO 34
/ LENGTH: 19
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: Synthetic
/ OTHER INFORMATION: Sequence
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: (16)..(19)
/ OTHER INFORMATION: 5-methyl-2'-dimethylaminoxyethoxy
US-09-016-520-34
```

```
Query Match 1.6%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 2.8e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
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```
QY 427 TTTTATTTTATTTT 445
DB 1 TTTTATTTTATTTT 19
```

```
RESULT 359
US-09-016-520-44
```

```
/ Sequence 44, Application US/09016520A
/ Patent No. 6127533
/ GENERAL INFORMATION:
/ APPLICANT: Cook, Phillip D
/ APPLICANT: Manoharan, Muthiah
/ APPLICANT: Kawasaki, Andrew
/ TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides
/ FILE REFERENCE: ISIS2824
/ CURRENT APPLICATION NUMBER: US/09/016,520A
```

```
/ CURRENT FILING DATE: 1998-01-30
/ EARLIER APPLICATION NUMBER: 60/037,143
/ EARLIER FILING DATE: 1997-02-14
/ NUMBER OF SEQ ID NOS: 47
/ SOFTWARE: Patentin Ver. 2.1
/ SEQ ID NO 44
/ LENGTH: 19
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: Synthetic
/ OTHER INFORMATION: Sequence
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: (15)..(18)
/ OTHER INFORMATION: 2'-methyleneaminoxyethoxy
US-09-016-520-44
```

```
Query Match 1.6%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 2.8e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY 427 TTTTATTTTATTTT 445
DB 1 TTTTATTTTATTTT 19
```

```
RESULT 360
```

```
US-08-757-223-11/C
/ Sequence 11, Application US/08757223
/ Patent No. 6136530
/ GENERAL INFORMATION:
/ APPLICANT: Poduslo, Shirley E.
/ TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR ASSESSING RISK
/ NUMBER OF SEQUENCES: 13
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Locke Purnell Rain Harrell
/ STREET: 2200 Ross Avenue, Suite 2200
/ CITY: Dallas
/ STATE: Texas
/ ZIP: 75201-6776
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: Patentin Release #1.0, Version #1.25
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/757,223
/ FILING DATE: No. 6136530ember 27, 1996
/ CLASSIFICATION: 435
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Mayfield, Denise L.
/ REFERENCE/DOCKET NUMBER: 4-003US
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 214/740-8785
/ TELEFAX: 214/740-8800
/ INFORMATION FOR SEQ ID NO: 11:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 19 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
US-08-757-223-11
```

```
Query Match 1.6%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 2.8e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY 389 AAAGTGTGGATTACAG 407
DB 19 AAAGTGTGGGATTACAG 1
```

RESULT 361  
US-08-757-223-12/c  
Sequence 12, Application US/08757223  
Patent No. 6136330  
GENERAL INFORMATION:  
APPLICANT: Poduslo, Shirley E.  
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR ASSESSING RISK  
TITLE OF INVENTION: FACTORS IN ALZHEIMER'S DISEASE  
NUMBER OF SEQUENCES: 13  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Locke Purnell Rain Harrell  
STREET: 2200 Ross Avenue, Suite 2200  
CITY: Dallas  
STATE: Texas  
ZIP: 75201-6776  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/757,223  
FILING DATE: No. 613630ember 27, 1996  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Mayfield, Denise L.  
REFERENCE/DOCKET NUMBER: 4-003US  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 214/740-8785  
TELEFAX: 214/740-8800  
INFORMATION FOR SEQ ID NO: 12:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-757-223-12

Query Match 1.6%; Score 15.8; DB 1; Length 19;  
Best Local Similarity 89.5%; Pred. No. 2.8e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 697 GGTCAAGTTATTCCTG 715  
DB 19 GGTCAAGCATTCTCTG 1

RESULT 362  
US-09-378-568-4  
Sequence 4, Application US/09378568  
Patent No. 6147200  
GENERAL INFORMATION:  
APPLICANT: Manoharan, Muthiah  
APPLICANT: Kawasaki, Andrew M  
APPLICANT: Cook, Phillip Dan  
APPLICANT: Fraser, Allister S  
APPLICANT: Prakash, Thatha P  
TITLE OF INVENTION: 2'-O-acetamid Modified Monomers and Oligomers  
FILE REFERENCE: IS154071  
CURRENT APPLICATION NUMBER: US/09/378,568  
CURRENT FILING DATE: 1999-08-19  
NUMBER OF SEQ ID NOS: 6  
SOFTWARE: Patentin Ver. 2.0  
SEQ ID NO 4  
LENGTH: 19  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: antisense  
US-09-378-568-4

Query Match 1.6%; Score 15.8; DB 1; Length 19;  
Best Local Similarity 89.5%; Pred. No. 2.8e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 427 TTTTATTTTATTTT 445  
DB 1 TTTTATTTTATTTT 19

RESULT 363  
US-09-130-973-20  
Sequence 20, Application US/09130973  
Patent No. 6172209  
GENERAL INFORMATION:  
APPLICANT: Manoharan, Muthiah  
APPLICANT: Cook, Phillip Dan  
APPLICANT: Prakash, Thatha P  
APPLICANT: Kawasaki, Andrew M  
TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides And Methods For  
TITLE OF INVENTION: Making Same  
FILE REFERENCE: IS152955  
CURRENT APPLICATION NUMBER: US/09/130,973  
CURRENT FILING DATE: 1998-08-07  
NUMBER OF SEQ ID NOS: 38  
SOFTWARE: Patentin Ver. 2.1  
SEQ ID NO 20  
LENGTH: 19  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
NAME/KEY: misc\_feature  
LOCATION: (15)..(18)  
OTHER INFORMATION: 5 methyl, 2'-aminoxyethoxy  
OTHER INFORMATION: Description of Artificial Sequence: No. 6172209e1  
US-09-130-973-20

Query Match 1.6%; Score 15.8; DB 1; Length 19;  
Best Local Similarity 89.5%; Pred. No. 2.8e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 427 TTTTATTTTATTTT 445  
DB 1 TTTTATTTTATTTT 19

RESULT 364  
US-09-130-973-21  
Sequence 21, Application US/09130973  
Patent No. 6172209  
GENERAL INFORMATION:  
APPLICANT: Manoharan, Muthiah  
APPLICANT: Cook, Phillip Dan  
APPLICANT: Prakash, Thatha P  
APPLICANT: Kawasaki, Andrew M  
TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides And Methods For  
TITLE OF INVENTION: Making Same  
FILE REFERENCE: IS152955  
CURRENT APPLICATION NUMBER: US/09/130,973  
CURRENT FILING DATE: 1998-08-07  
NUMBER OF SEQ ID NOS: 58  
SOFTWARE: Patentin Ver. 2.1  
SEQ ID NO 21  
LENGTH: 19  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
NAME/KEY: misc\_feature  
LOCATION: (15)..(18)  
OTHER INFORMATION: 5 methyl, 2'-dimethylaminoxyethoxy  
OTHER INFORMATION: Description of Artificial Sequence: No. 6172209e1  
US-09-130-973-21

Query Match 1.6%; Score 15.8; DB 1; Length 19;  
Best Local Similarity 89.5%; Pred. No. 2.8e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 427 TTTTATTATTTATTTT 445  
DB 1 TTTTATTTTATTTT 19

RESULT 365

US-09-130-973-22  
Sequence 22, Application US/09130973  
Patent No. 6172209  
GENERAL INFORMATION:  
APPLICANT: Manoharan, Muthiah  
APPLICANT: Cook, Phillip Dan  
APPLICANT: Prakash, Thazha P  
APPLICANT: Kawaaski, Andrew M  
TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides And Methods For  
FILE REFERENCE: ISIS2955  
CURRENT APPLICATION NUMBER: US/09/130,973  
CURRENT FILING DATE: 1998-08-07  
NUMBER OF SEQ ID NOS: 58  
SOFTWARE: Patentin Ver. 2.1  
SEQ ID NO 22  
LENGTH: 19  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
NAME/KEY: misc feature  
LOCATION: (15)-(18)  
OTHER INFORMATION: 2'-O-methoxyethyl (MOE)  
OTHER INFORMATION: Description of Artificial Sequence: No. 6172209e1  
OTHER INFORMATION: Sequence  
US-09-130-973-22

Query Match 1.6%; Score 15.8; DB 1; Length 19;  
Best Local Similarity 89.5%; Pred. No. 2.8e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 427 TTTTATTATTTATTTT 445  
DB 1 TTTTATTTTATTTT 19

RESULT 366

US-09-130-973-23  
Sequence 23, Application US/09130973  
Patent No. 6172209  
GENERAL INFORMATION:  
APPLICANT: Manoharan, Muthiah  
APPLICANT: Cook, Phillip Dan  
APPLICANT: Prakash, Thazha P  
APPLICANT: Kawaaski, Andrew M  
TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides And Methods For  
FILE REFERENCE: ISIS2955  
CURRENT APPLICATION NUMBER: US/09/130,973  
CURRENT FILING DATE: 1998-08-07  
NUMBER OF SEQ ID NOS: 58  
SOFTWARE: Patentin Ver. 2.1  
SEQ ID NO 23  
LENGTH: 19  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
NAME/KEY: misc feature  
LOCATION: (16)-(19)  
OTHER INFORMATION: 2'-O-dimethylaminoxyethyl  
OTHER INFORMATION: Description of Artificial Sequence: No. 6172209e1  
OTHER INFORMATION: Sequence

US-09-130-973-23

Query Match 1.6%; Score 15.8; DB 1; Length 19;  
Best Local Similarity 89.5%; Pred. No. 2.8e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 427 TTTTATTATTTATTTT 445  
DB 1 TTTTATTTTATTTT 19

RESULT 367

US-09-130-973-24  
Sequence 24, Application US/09130973  
Patent No. 6172209  
GENERAL INFORMATION:  
APPLICANT: Manoharan, Muthiah  
APPLICANT: Cook, Phillip Dan  
APPLICANT: Prakash, Thazha P  
APPLICANT: Kawaaski, Andrew M  
TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides And Methods For  
FILE REFERENCE: ISIS2955  
CURRENT APPLICATION NUMBER: US/09/130,973  
CURRENT FILING DATE: 1998-08-07  
NUMBER OF SEQ ID NOS: 58  
SOFTWARE: Patentin Ver. 2.1  
SEQ ID NO 24  
LENGTH: 19  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
NAME/KEY: misc feature  
LOCATION: (16)-(19)  
OTHER INFORMATION: 2'-O-methoxyethyl  
OTHER INFORMATION: Description of Artificial Sequence: No. 6172209e1  
OTHER INFORMATION: Sequence  
US-09-130-973-24

Query Match 1.6%; Score 15.8; DB 1; Length 19;  
Best Local Similarity 89.5%; Pred. No. 2.8e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 427 TTTTATTATTTATTTT 445  
DB 1 TTTTATTTTATTTT 19

RESULT 368

US-09-130-973-25  
Sequence 25, Application US/09130973  
Patent No. 6172209  
GENERAL INFORMATION:  
APPLICANT: Manoharan, Muthiah  
APPLICANT: Cook, Phillip Dan  
APPLICANT: Prakash, Thazha P  
APPLICANT: Kawaaski, Andrew M  
TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides And Methods For  
FILE REFERENCE: ISIS2955  
CURRENT APPLICATION NUMBER: US/09/130,973  
CURRENT FILING DATE: 1998-08-07  
NUMBER OF SEQ ID NOS: 58  
SOFTWARE: Patentin Ver. 2.1  
SEQ ID NO 25  
LENGTH: 19  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
NAME/KEY: misc feature  
LOCATION: (16)-(19)  
OTHER INFORMATION: 2'-O-propyl  
OTHER INFORMATION: Description of Artificial Sequence: No. 6172209e1  
OTHER INFORMATION: Sequence

```

; OTHER INFORMATION: Sequence
US-09-130-973-25

Query Match      1.6%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 2.8e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      427 TTTTATTTTATTTT 445
      1 TTTTATTTTATTTT 19
DB      1 TTTTATTTTATTTT 19

RESULT 369
US-09-130-973-26
; Sequence 26, Application US/09130973
; Patent No. 6172209
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Cook, Phillip Dan
; APPLICANT: Prakash, Thazha P
; APPLICANT: Kawasaki, Andrew M
; TITLE OF INVENTION: Antinooxy-Modified Oligonucleotides And Methods For
; FILE REFERENCE: ISIS2955
; CURRENT APPLICATION NUMBER: US/09/130,973
; CURRENT FILING DATE: 1998-08-07
; NUMBER OF SEQ ID NOS: 58
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 26
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (18)
; OTHER INFORMATION: 5 methyl, 2'-dimethylaminooxyethyl
; OTHER INFORMATION: Description of Artificial Sequence: No. 6172209e1
; OTHER INFORMATION: Sequence
US-09-130-973-26

Query Match      1.6%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 2.8e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      427 TTTTATTTTATTTT 445
      1 TTTTATTTTATTTT 19
DB      1 TTTTATTTTATTTT 19

RESULT 370
US-09-130-973-27
; Sequence 27, Application US/09130973
; Patent No. 6172209
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Cook, Phillip Dan
; APPLICANT: Prakash, Thazha P
; APPLICANT: Kawasaki, Andrew M
; TITLE OF INVENTION: Antinooxy-Modified Oligonucleotides And Methods For
; FILE REFERENCE: ISIS2955
; CURRENT APPLICATION NUMBER: US/09/130,973
; CURRENT FILING DATE: 1998-08-07
; NUMBER OF SEQ ID NOS: 58
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 27
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (18)
; OTHER INFORMATION: 5 methyl, 2'-O-methoxyethyl
```

```

; OTHER INFORMATION: Description of Artificial Sequence: No. 6172209e1
; OTHER INFORMATION: Sequence
US-09-130-973-27

Query Match      1.6%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 2.8e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      427 TTTTATTTTATTTT 445
      1 TTTTATTTTATTTT 19
DB      1 TTTTATTTTATTTT 19

RESULT 371
US-09-130-973-31
; Sequence 31, Application US/09130973
; Patent No. 6172209
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Cook, Phillip Dan
; APPLICANT: Prakash, Thazha P
; APPLICANT: Kawasaki, Andrew M
; TITLE OF INVENTION: Antinooxy-Modified Oligonucleotides And Methods For
; FILE REFERENCE: ISIS2955
; CURRENT APPLICATION NUMBER: US/09/130,973
; CURRENT FILING DATE: 1998-08-07
; NUMBER OF SEQ ID NOS: 58
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 31
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (15)..(18)
; OTHER INFORMATION: 2'-dimethylaminooxyethyl thymidine (T-2'-DMAOE)
; OTHER INFORMATION: Description of Artificial Sequence: No. 6172209e1
; OTHER INFORMATION: Sequence
US-09-130-973-31

Query Match      1.6%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 2.8e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      427 TTTTATTTTATTTT 445
      1 TTTTATTTTATTTT 19
DB      1 TTTTATTTTATTTT 19

RESULT 372
US-09-130-973-33
; Sequence 33, Application US/09130973
; Patent No. 6172209
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Cook, Phillip Dan
; APPLICANT: Prakash, Thazha P
; APPLICANT: Kawasaki, Andrew M
; TITLE OF INVENTION: Antinooxy-Modified Oligonucleotides And Methods For
; FILE REFERENCE: ISIS2955
; CURRENT APPLICATION NUMBER: US/09/130,973
; CURRENT FILING DATE: 1998-08-07
; NUMBER OF SEQ ID NOS: 58
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 33
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (16)..(19)
```

```
; OTHER INFORMATION: 2'-dimethylaminoxyethyl thymidine (T'-2'-DMAOE)
; OTHER INFORMATION: Description of Artificial Sequence: No. 6172209e1
; OTHER INFORMATION: Sequence
US-09-130-973-33
```

```
Query Match      1.6%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 2.8e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      427 TTTTATTTTATTTT 445
           ||||| ||||| ||||| |||||
Db       1 TTTTATTTTATTTT 19
```

```
RESULT 373
US-09-130-973-34
; Sequence 34, Application US/09130973
; Patent No. 6172209
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Cook, Phillip Dan
; APPLICANT: Prakash, Thazha P
; APPLICANT: Kawasaki, Andrew M
; TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides And Methods For
; FILE REFERENCE: ISIS2955
; CURRENT APPLICATION NUMBER: US/09/130,973
; CURRENT FILING DATE: 1998-08-07
; NUMBER OF SEQ ID NOS: 58
; SOFTWARE: Patentln Ver. 2.1
; SEQ ID NO 34
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (16)..(19)
; OTHER INFORMATION: 2'-dimethylaminoxyethyl thymidine (T'-2'-DMAOE)
; OTHER INFORMATION: Description of Artificial Sequence: No. 6172209e1
; OTHER INFORMATION: Sequence
US-09-130-973-34
```

```
Query Match      1.6%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 2.8e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      427 TTTTATTTTATTTT 445
           ||||| ||||| ||||| |||||
Db       1 TTTTATTTTATTTT 19
```

```
RESULT 374
US-09-130-973-44
; Sequence 44, Application US/09130973
; Patent No. 6172209
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Cook, Phillip Dan
; APPLICANT: Prakash, Thazha P
; APPLICANT: Kawasaki, Andrew M
; TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides And Methods For
; FILE REFERENCE: ISIS2955
; CURRENT APPLICATION NUMBER: US/09/130,973
; CURRENT FILING DATE: 1998-08-07
; NUMBER OF SEQ ID NOS: 58
; SOFTWARE: Patentln Ver. 2.1
; SEQ ID NO 44
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: No. 6172209e1
```

```
; OTHER INFORMATION: Sequence
; NAME/KEY: misc_feature
; LOCATION: (15)..(18)
; OTHER INFORMATION: 2'-O-methyleneaminoxyethyl thymidine
US-09-130-973-44
```

```
Query Match      1.6%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 2.8e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      427 TTTTATTTTATTTT 445
           ||||| ||||| ||||| |||||
Db       1 TTTTATTTTATTTT 19
```

```
RESULT 375
US-09-477-902-20
; Sequence 20, Application US/09477902
; Patent No. 6194598
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip D
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Kawasaki, Andrew
; TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides
; FILE REFERENCE: ISIS2824
; CURRENT APPLICATION NUMBER: US/09/477,902
; CURRENT FILING DATE: 2000-01-05
; PRIOR APPLICATION NUMBER: 09/016,520
; PRIOR FILING DATE: 1998-01-30
; PRIOR APPLICATION NUMBER: 60/037,143
; PRIOR FILING DATE: 1997-02-14
; NUMBER OF SEQ ID NOS: 47
; SOFTWARE: Patentln Ver. 2.1
; SEQ ID NO 20
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (15)..(18)
; OTHER INFORMATION: 5-methyl-2'-aminoxyethoxy
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: Sequence
US-09-477-902-20
```

```
Query Match      1.6%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 2.8e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      427 TTTTATTTTATTTT 445
           ||||| ||||| ||||| |||||
Db       1 TTTTATTTTATTTT 19
```

```
RESULT 376
US-09-477-902-21
; Sequence 21, Application US/09477902
; Patent No. 6194598
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip D
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Kawasaki, Andrew
; TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides
; FILE REFERENCE: ISIS2824
; CURRENT APPLICATION NUMBER: US/09/477,902
; CURRENT FILING DATE: 2000-01-05
; PRIOR APPLICATION NUMBER: 09/016,520
; PRIOR FILING DATE: 1998-01-30
; PRIOR APPLICATION NUMBER: 60/037,143
; PRIOR FILING DATE: 1997-02-14
; NUMBER OF SEQ ID NOS: 47
; SOFTWARE: Patentln Ver. 2.1
; SEQ ID NO 21
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```
/ LENGTH: 19
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: (15)..(18)
/ OTHER INFORMATION: 5-methyl-2'-dimethylaminoxyethoxy
/ OTHER INFORMATION: Description of Artificial Sequence: Synthetic
/ OTHER INFORMATION: Sequence
US-09-477-902-21
```

```
Query Match 1.6%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 2.8e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY 427 TTTTATTTTATTTT 445
DB 1 TTTTATTTTATTTT 19
```

```
RESULT 377
US-09-477-902-22
/ Sequence 22, Application US/09477902
/ Patent No. 6194598
/ GENERAL INFORMATION:
/ APPLICANT: Cook, Phillip D
/ APPLICANT: Manoharan, Muthiah
/ APPLICANT: Kawasaki, Andrew
/ TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides
/ FILE REFERENCE: ISIS2824
/ CURRENT APPLICATION NUMBER: US/09/477,902
/ CURRENT FILING DATE: 2000-01-05
/ PRIOR APPLICATION NUMBER: 09/016,520
/ PRIOR FILING DATE: 1998-01-30
/ PRIOR FILING DATE: 1997-02-14
/ NUMBER OF SEQ ID NOS: 47
/ SOFTWARE: PatentIn Ver. 2.1
/ SEQ ID NO 22
/ LENGTH: 19
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: (15)..(18)
/ OTHER INFORMATION: 2'-methoxyethoxy
/ OTHER INFORMATION: Description of Artificial Sequence: Synthetic
/ OTHER INFORMATION: Sequence
US-09-477-902-22
```

```
Query Match 1.6%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 2.8e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY 427 TTTTATTTTATTTT 445
DB 1 TTTTATTTTATTTT 19
```

```
RESULT 378
US-09-477-902-23
/ Sequence 23, Application US/09477902
/ Patent No. 6194598
/ GENERAL INFORMATION:
/ APPLICANT: Cook, Phillip D
/ APPLICANT: Manoharan, Muthiah
/ APPLICANT: Kawasaki, Andrew
/ TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides
/ FILE REFERENCE: ISIS2824
/ CURRENT APPLICATION NUMBER: US/09/477,902
/ CURRENT FILING DATE: 2000-01-05
/ PRIOR APPLICATION NUMBER: 09/016,520
/ PRIOR FILING DATE: 1998-01-30
```

```
/ PRIOR APPLICATION NUMBER: 60/037,143
/ PRIOR FILING DATE: 1997-02-14
/ NUMBER OF SEQ ID NOS: 47
/ SOFTWARE: PatentIn Ver. 2.1
/ SEQ ID NO 23
/ LENGTH: 19
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: (16)..(19)
/ OTHER INFORMATION: 5-methyl-2'-dimethylaminoxyethoxy
/ OTHER INFORMATION: Description of Artificial Sequence: Synthetic
/ OTHER INFORMATION: Sequence
US-09-477-902-23
```

```
Query Match 1.6%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 2.8e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY 427 TTTTATTTTATTTT 445
DB 1 TTTTATTTTATTTT 19
```

```
RESULT 379
US-09-477-902-24
/ Sequence 24, Application US/09477902
/ Patent No. 6194598
/ GENERAL INFORMATION:
/ APPLICANT: Cook, Phillip D
/ APPLICANT: Manoharan, Muthiah
/ APPLICANT: Kawasaki, Andrew
/ TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides
/ FILE REFERENCE: ISIS2824
/ CURRENT APPLICATION NUMBER: US/09/477,902
/ CURRENT FILING DATE: 2000-01-05
/ PRIOR APPLICATION NUMBER: 09/016,520
/ PRIOR FILING DATE: 1998-01-30
/ PRIOR FILING DATE: 1997-02-14
/ NUMBER OF SEQ ID NOS: 47
/ SOFTWARE: PatentIn Ver. 2.1
/ SEQ ID NO 24
/ LENGTH: 19
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: (16)..(19)
/ OTHER INFORMATION: 5-methyl-2'-methoxyethoxy
/ OTHER INFORMATION: Description of Artificial Sequence: Synthetic
/ OTHER INFORMATION: Sequence
US-09-477-902-24
```

```
Query Match 1.6%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 2.8e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY 427 TTTTATTTTATTTT 445
DB 1 TTTTATTTTATTTT 19
```

```
RESULT 380
US-09-477-902-25
/ Sequence 25, Application US/09477902
/ Patent No. 6194598
/ GENERAL INFORMATION:
/ APPLICANT: Cook, Phillip D
/ APPLICANT: Manoharan, Muthiah
/ APPLICANT: Kawasaki, Andrew
/ TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides
```



```
FILE REFERENCE: ISIS2824
CURRENT APPLICATION NUMBER: US/09/477,902
CURRENT FILING DATE: 2000-01-05
PRIOR APPLICATION NUMBER: 09/016,520
PRIOR FILING DATE: 1998-01-30
PRIOR APPLICATION NUMBER: 60/037,143
PRIOR FILING DATE: 1997-02-14
NUMBER OF SEQ ID NOS: 47
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 25
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
NAME/KEY: misc_feature
LOCATION: (16)..(19)
OTHER INFORMATION: 5-methyl-2'-O-propyl
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-477-902-25
```

Query Match 1.6%; Score 15.8; DB 1; Length 19;  
Best Local Similarity 89.5%; Pred. No. 2.8e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 427 TTTTATTTTATTTT 445  
DB 1 TTTTATTTTATTTT 19

```
RESULT 381
US-09-477-902-26
Sequence 26, Application US/09477902
Patent No. 6194598
GENERAL INFORMATION:
APPLICANT: Cook, Phillip D
APPLICANT: Manoharan, Muthiah
APPLICANT: Kawasaki, Andrew
TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides
FILE REFERENCE: ISIS2824
CURRENT APPLICATION NUMBER: US/09/477,902
CURRENT FILING DATE: 2000-01-05
PRIOR APPLICATION NUMBER: 09/016,520
PRIOR FILING DATE: 1998-01-30
PRIOR APPLICATION NUMBER: 60/037,143
PRIOR FILING DATE: 1997-02-14
NUMBER OF SEQ ID NOS: 47
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 26
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
NAME/KEY: misc_feature
LOCATION: (18)
OTHER INFORMATION: 5-methyl-2'-dimethylaminoxyethoxy
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-477-902-26
```

Query Match 1.6%; Score 15.8; DB 1; Length 19;  
Best Local Similarity 89.5%; Pred. No. 2.8e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 427 TTTTATTTTATTTT 445  
DB 1 TTTTATTTTATTTT 19

```
RESULT 382
US-09-477-902-27
Sequence 27, Application US/09477902
Patent No. 6194598
```

```
GENERAL INFORMATION:
APPLICANT: Cook, Phillip D
APPLICANT: Manoharan, Muthiah
APPLICANT: Kawasaki, Andrew
TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides
FILE REFERENCE: ISIS2824
CURRENT APPLICATION NUMBER: US/09/477,902
CURRENT FILING DATE: 2000-01-05
PRIOR APPLICATION NUMBER: 09/016,520
PRIOR FILING DATE: 1998-01-30
PRIOR APPLICATION NUMBER: 60/037,143
PRIOR FILING DATE: 1997-02-14
NUMBER OF SEQ ID NOS: 47
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 27
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
NAME/KEY: misc_feature
LOCATION: (18)
OTHER INFORMATION: 5-methyl-2'-methoxyethoxy
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-477-902-27
```

Query Match 1.6%; Score 15.8; DB 1; Length 19;  
Best Local Similarity 89.5%; Pred. No. 2.8e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 427 TTTTATTTTATTTT 445  
DB 1 TTTTATTTTATTTT 19

```
RESULT 383
US-09-477-902-31
Sequence 31, Application US/09477902
Patent No. 6194598
GENERAL INFORMATION:
APPLICANT: Cook, Phillip D
APPLICANT: Manoharan, Muthiah
APPLICANT: Kawasaki, Andrew
TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides
FILE REFERENCE: ISIS2824
CURRENT APPLICATION NUMBER: US/09/477,902
CURRENT FILING DATE: 2000-01-05
PRIOR APPLICATION NUMBER: 09/016,520
PRIOR FILING DATE: 1998-01-30
PRIOR APPLICATION NUMBER: 60/037,143
PRIOR FILING DATE: 1997-02-14
NUMBER OF SEQ ID NOS: 47
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 31
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
NAME/KEY: misc_feature
LOCATION: (15)..(18)
OTHER INFORMATION: 5-methyl-2'-dimethylaminoxyethoxy
US-09-477-902-31
```

Query Match 1.6%; Score 15.8; DB 1; Length 19;  
Best Local Similarity 89.5%; Pred. No. 2.8e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 427 TTTTATTTTATTTT 445  
DB 1 TTTTATTTTATTTT 19

```
RESULT 384
US-09-477-902-33
; Sequence 33, Application US/09477902
; Patent No. 6194598
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip D
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Kawasaki, Andrew
; TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides
; FILE REFERENCE: ISIS2824
; CURRENT APPLICATION NUMBER: US/09/477,902
; CURRENT FILING DATE: 2000-01-05
; PRIOR APPLICATION NUMBER: 09/016,520
; PRIOR FILING DATE: 1998-01-30
; PRIOR APPLICATION NUMBER: 60/037,143
; PRIOR FILING DATE: 1997-02-14
; NUMBER OF SEQ ID NOS: 47
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 33
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; NAME/KEY: misc.feature
; LOCATION: (16)..(19)
; OTHER INFORMATION: 5-methyl-2'-dimethylaminoxyethoxy
US-09-477-902-33

Query Match      1.6%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 2.8e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      427 TTTTATTTTATTTT 445
Db      1 TTTTATTTTATTTT 19

RESULT 385
US-09-477-902-34
; Sequence 34, Application US/09477902
; Patent No. 6194598
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip D
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Kawasaki, Andrew
; TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides
; FILE REFERENCE: ISIS2824
; CURRENT APPLICATION NUMBER: US/09/477,902
; CURRENT FILING DATE: 2000-01-05
; PRIOR APPLICATION NUMBER: 09/016,520
; PRIOR FILING DATE: 1998-01-30
; PRIOR APPLICATION NUMBER: 60/037,143
; PRIOR FILING DATE: 1997-02-14
; NUMBER OF SEQ ID NOS: 47
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 34
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; NAME/KEY: misc.feature
; LOCATION: (16)..(19)
; OTHER INFORMATION: 5-methyl-2'-dimethylaminoxyethoxy
US-09-477-902-34

Query Match      1.6%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 2.8e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      427 TTTTATTTTATTTT 445
Db      1 TTTTATTTTATTTT 19
```

```
Qy      427 TTTTATTTTATTTT 445
Db      1 TTTTATTTTATTTT 19

RESULT 386
US-09-477-902-44
; Sequence 44, Application US/09477902
; Patent No. 6194598
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip D
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Kawasaki, Andrew
; TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides
; FILE REFERENCE: ISIS2824
; CURRENT APPLICATION NUMBER: US/09/477,902
; CURRENT FILING DATE: 2000-01-05
; PRIOR APPLICATION NUMBER: 09/016,520
; PRIOR FILING DATE: 1998-01-30
; PRIOR APPLICATION NUMBER: 60/037,143
; PRIOR FILING DATE: 1997-02-14
; NUMBER OF SEQ ID NOS: 47
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 44
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; NAME/KEY: misc.feature
; LOCATION: (15)..(18)
; OTHER INFORMATION: 2'-methylaminoxyethoxy
US-09-477-902-44

Query Match      1.6%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 2.8e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      427 TTTTATTTTATTTT 445
Db      1 TTTTATTTTATTTT 19

RESULT 387
US-08-726-278-16
; Sequence 16, Application US/08726278
; Patent No. 6238624
; GENERAL INFORMATION:
; APPLICANT: Heller, Michael J.
; APPLICANT: Evans, Glen A.
; APPLICANT: Sosnowski, Ronald G.
; TITLE OF INVENTION: METHODS FOR ELECTRONIC TRANSPORT IN MOLECULAR
; FILE REFERENCE: BIOLOGICAL ANALYSIS AND DIAGNOSTICS
; FILE REFERENCE: DAVID B. MURPHY/NANOGEN: 222-210
; CURRENT APPLICATION NUMBER: US/08/726,278
; CURRENT FILING DATE: 1996-10-04
; PRIOR APPLICATION NUMBER: 08/271,882
; PRIOR FILING DATE: 1994-07-07
; NUMBER OF SEQ ID NOS: 44
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 16
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Sequences for
; OTHER INFORMATION: Labeling
US-08-726-278-16

Query Match      1.6%; Score 15.8; DB 1; Length 19;
```

Best Local Similarity 89.5%; Pred. No. 2.8e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
Qy 427 TTTTATTTTATTTT 445  
Db 1 TTTTATTTTATTTT 19

RESULT 388  
US-09-338-907-515  
Sequence 515, Application US/09338907  
Patent No. 6265546  
GENERAL INFORMATION:  
APPLICANT: Cohen, Daniel  
APPLICANT: Blumenfeld, Marla  
APPLICANT: Ilya, Chumakov  
APPLICANT: Bouguetelerc, Lydie  
TITLE OF INVENTION: PROSTATE CANCER GENE  
FILE REFERENCE: GENSET.18CP1CP  
CURRENT APPLICATION NUMBER: US/09/338,907  
CURRENT FILING DATE: 1999-06-23  
EARLIER APPLICATION NUMBER: 08/996,306  
EARLIER FILING DATE: 1997-12-22  
EARLIER APPLICATION NUMBER: 60/099,658  
EARLIER FILING DATE: 1998-09-09  
EARLIER APPLICATION NUMBER: 09/218,207  
EARLIER FILING DATE: 1998-12-22  
NUMBER OF SEQ ID NOS: 578  
SOFTWARE: Patent.pm  
SEQ ID NO 515  
LENGTH: 19  
TYPE: DNA  
ORGANISM: Homo Sapiens  
FEATURE:  
NAME/KEY: misc\_feature  
LOCATION: 1..19  
OTHER INFORMATION: potential microsequencing oligo for 4-4-187.misr2  
US-09-338-907-515

Query Match 1.6%; Score 15.8; DB 1; Length 19;  
Best Local Similarity 89.5%; Pred. No. 2.8e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 427 TTTTATTTTATTTT 445  
Db 1 TTTTATTTTATTTT 19

RESULT 389  
US-09-123-108-6  
Sequence 6, Application US/09123108  
Patent No. 6271358  
GENERAL INFORMATION:  
APPLICANT: Manoharan, Muthiah  
APPLICANT: Mohan, Venkatraman  
APPLICANT: Boswell, Herb  
TITLE OF INVENTION: RNA TARGETED 2'-MODIFIED OLIGONUCLEOTIDES THAT ARE  
FILE REFERENCE: IS15-3147 sequence listing  
CURRENT APPLICATION NUMBER: US/09/123,108  
CURRENT FILING DATE: 1998-07-27  
NUMBER OF SEQ ID NOS: 22  
SOFTWARE: Patentin Ver. 2.0  
SEQ ID NO 6  
LENGTH: 19  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: No. 6271358el sequence  
US-09-123-108-6

Query Match 1.6%; Score 15.8; DB 1; Length 19;  
Best Local Similarity 89.5%; Pred. No. 2.8e+02;

Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
Qy 427 TTTTATTTTATTTT 445  
Db 1 TTTTATTTTATTTT 19

RESULT 390  
US-09-378-665A-5  
Sequence 5, Application US/09378665A  
Patent No. 6277982  
GENERAL INFORMATION:  
APPLICANT: Fraser, Allister S.  
APPLICANT: Manoharan, Muthiah  
APPLICANT: Cook, Phillip Dan  
APPLICANT: Jung, Michael E.  
APPLICANT: Kawasaki, Andrew M.  
TITLE OF INVENTION: Alkylation of Alcohols, Amines, Thiols and Their  
Derivatives by Cyclic Sulfate Intermediates  
FILE REFERENCE: IS154072  
CURRENT APPLICATION NUMBER: US/09/378,665A  
CURRENT FILING DATE: 1999-08-20  
NUMBER OF SEQ ID NOS: 27  
SOFTWARE: Patentin Ver. 2.1  
SEQ ID NO 5  
LENGTH: 19  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: No. 6277982el Sequence  
NAME/KEY: misc\_feature  
LOCATION: (16)..(19)  
OTHER INFORMATION: 2'-modified T  
US-09-378-665A-5

Query Match 1.6%; Score 15.8; DB 1; Length 19;  
Best Local Similarity 89.5%; Pred. No. 2.8e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 427 TTTTATTTTATTTT 445  
Db 1 TTTTATTTTATTTT 19

RESULT 391  
US-09-202-294-4  
Sequence 4, Application US/09202294  
Patent No. 6328519  
GENERAL INFORMATION:  
APPLICANT: Collingwood, Stephen P.  
APPLICANT: Moser, Heinz E.  
APPLICANT: Altmann, Karl-Heinz  
APPLICANT: Douglas, Mark B.  
TITLE OF INVENTION: Intermediates for oligonucleotides  
FILE REFERENCE: 4-20900/A/MA2134/PCT  
CURRENT APPLICATION NUMBER: US/09/202,294  
CURRENT FILING DATE: 1999-03-15  
EARLIER APPLICATION NUMBER: PCT/GB97/01490  
EARLIER FILING DATE: 1997-06-03  
NUMBER OF SEQ ID NOS: 6  
SOFTWARE: Patentin Ver. 2.0  
SEQ ID NO 4  
LENGTH: 19  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: oligonucleotide  
US-09-202-294-4

Query Match 1.6%; Score 15.8; DB 1; Length 19;  
Best Local Similarity 89.5%; Pred. No. 2.8e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 427 TTTTATTTATTTT 445  
|||||  
Db 1 TTTTATTTT 19

RESULT 392  
US-09-218-207-515

/ Sequence 515, Application US/09218207  
/ Patent No. 6346381  
/ GENERAL INFORMATION:  
/ APPLICANT: Cohen, Daniel  
/ APPLICANT: Blumenfeld, Martha  
/ APPLICANT: Ilya, Chumakov  
/ APPLICANT: Bougueleret, Lydie  
/ TITLE OF INVENTION: Prostate cancer gene  
/ FILE REFERENCE: GENSET 018CP1  
/ CURRENT APPLICATION NUMBER: US/09/218,207  
/ CURRENT FILING DATE: 1998-12-22  
/ EARLIER APPLICATION NUMBER: 08/996,306  
/ EARLIER FILING DATE: 1997-12-22  
/ EARLIER APPLICATION NUMBER: 60/099,658  
/ EARLIER FILING DATE: 1998-09-09  
/ NUMBER OF SEQ ID NOS: 578  
/ SOFTWARE: Patent.pm  
/ SEQ ID NO 515  
/ LENGTH: 19  
/ TYPE: DNA  
/ ORGANISM: Homo Sapiens  
/ FEATURE:  
/ NAME/KEY: misc\_feature  
/ LOCATION: 1..19  
/ OTHER INFORMATION: potential microsequencing oligo for 4-4-187.mis2  
US-09-218-207-515

Query Match 1.6%; Score 15.8; DB 1; Length 19;  
Best Local Similarity 89.5%; Pred. No. 2.8e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
Qy 427 TTTTATTTATTTT 445  
|||||  
Db 1 TTTTATTTT 19

RESULT 393  
US-09-357-740-2

/ Sequence 2, Application US/09357740  
/ Patent No. 6348596  
/ GENERAL INFORMATION:  
/ APPLICANT: Lee, Linda G.  
/ APPLICANT: Graham, Ronald J.  
/ APPLICANT: Mullah, Khaluzaman B.  
/ APPLICANT: Haxo, Francis T.  
/ TITLE OF INVENTION: ASYMMETRIC CYANINE DYE QUENCHERS  
/ FILE REFERENCE: 9584-007  
/ CURRENT APPLICATION NUMBER: US/09/357,740  
/ CURRENT FILING DATE: 1999-07-20  
/ EARLIER APPLICATION NUMBER: 09/012,525  
/ EARLIER FILING DATE: 1998-01-23  
/ NUMBER OF SEQ ID NOS: 22  
/ SOFTWARE: Patentin Ver. 2.0  
/ SEQ ID NO 2  
/ LENGTH: 19  
/ TYPE: DNA  
/ ORGANISM: Artificial Sequence  
/ FEATURE:  
/ OTHER INFORMATION: Description of Artificial Sequence: Primer  
US-09-357-740-2

Query Match 1.6%; Score 15.8; DB 1; Length 19;  
Best Local Similarity 89.5%; Pred. No. 2.8e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
Qy 204 GGTGAGCTGTGCTCGAAC 222

Db 1 GGCAGCTGTGCTCGAAC 19  
|||||

RESULT 394  
US-09-303-586-15

/ Sequence 15, Application US/09303586  
/ Patent No. 6369209  
/ GENERAL INFORMATION:  
/ APPLICANT: Manoharan, Muthiah  
/ APPLICANT: Mohan, Venkataran  
/ TITLE OF INVENTION: Oligonucleotides Having A DNA Form And B-DNA Form Confirmational  
/ FILE REFERENCE: IS183310  
/ CURRENT APPLICATION NUMBER: US/09/303,586  
/ CURRENT FILING DATE: 1999-05-03  
/ NUMBER OF SEQ ID NOS: 34  
/ SOFTWARE: Patentin version 3.0  
/ SEQ ID NO 15  
/ LENGTH: 19  
/ TYPE: DNA  
/ ORGANISM: Artificial Sequence  
/ FEATURE:  
/ NAME/KEY: misc\_feature  
/ OTHER INFORMATION: Oligonucleotide  
/ NAME/KEY: misc\_feature  
/ LOCATION: (16)..(17)  
/ OTHER INFORMATION: 3' - O-MOE linkage  
/ NAME/KEY: misc\_feature  
/ LOCATION: (17)..(18)  
/ OTHER INFORMATION: 3' - O-MOE linkage  
/ NAME/KEY: misc\_feature  
/ LOCATION: (18)..(19)  
/ OTHER INFORMATION: 3' - O-MOE linkage  
US-09-303-586-15

Query Match 1.6%; Score 15.8; DB 1; Length 19;  
Best Local Similarity 89.5%; Pred. No. 2.8e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
Qy 427 TTTTATTTATTTT 445  
|||||  
Db 1 TTTTATTTT 19

RESULT 395  
US-09-303-586-16

/ Sequence 16, Application US/09303586  
/ Patent No. 6369209  
/ GENERAL INFORMATION:  
/ APPLICANT: Manoharan, Muthiah  
/ APPLICANT: Mohan, Venkataran  
/ TITLE OF INVENTION: Oligonucleotides Having A DNA Form And B-DNA Form Confirmational  
/ FILE REFERENCE: IS183310  
/ CURRENT APPLICATION NUMBER: US/09/303,586  
/ CURRENT FILING DATE: 1999-05-03  
/ NUMBER OF SEQ ID NOS: 34  
/ SOFTWARE: Patentin version 3.0  
/ SEQ ID NO 16  
/ LENGTH: 19  
/ TYPE: DNA  
/ ORGANISM: Artificial Sequence  
/ FEATURE:  
/ NAME/KEY: misc\_feature  
/ OTHER INFORMATION: Oligonucleotide  
/ NAME/KEY: misc\_feature  
/ LOCATION: (16)..(17)  
/ OTHER INFORMATION: 2' - O-MOE linkage  
/ NAME/KEY: misc\_feature  
/ LOCATION: (17)..(18)  
/ OTHER INFORMATION: 2' - O-MOE linkage  
/ NAME/KEY: misc\_feature  
/ LOCATION: (18)..(19)  
/ OTHER INFORMATION: 2' - O-MOE linkage  
US-09-303-586-16

US-09-303-586-16

Query Match 1.6%; Score 15.8; DB 1; Length 19;  
Best Local Similarity 84.2%; Pred. No. 2.8e+02;  
Matches 16; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 427 TTTTATTTATTTT 445  
DB 1 TTTTATTTT 19

RESULT 396

US-09-303-586-17  
Sequence 17, Application US/09303586  
Patent No. 6369209  
GENERAL INFORMATION:  
APPLICANT: Manoharan, Muthiah  
APPLICANT: Mohan, Venkatraman  
TITLE OF INVENTION: Oligonucleotides Having A DNA Form And B-DNA Form Confirmational  
FILE REFERENCE: IS163310  
CURRENT APPLICATION NUMBER: US/09/303,586  
CURRENT FILING DATE: 1999-05-03  
NUMBER OF SEQ ID NOS: 34  
SOFTWARE: Patentin version 3.0  
SEQ ID NO 17  
LENGTH: 19  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
NAME/KEY: misc\_feature  
OTHER INFORMATION: Oligonucleotide  
NAME/KEY: misc\_feature  
LOCATION: (15)-(16)  
OTHER INFORMATION: sub O linkage  
NAME/KEY: misc\_feature  
LOCATION: (16)-(17)  
OTHER INFORMATION: 3' - O-MOE linkage; sub O linkage  
NAME/KEY: misc\_feature  
LOCATION: (17)-(18)  
OTHER INFORMATION: 3' - O-MOE linkage; sub O linkage  
NAME/KEY: misc\_feature  
LOCATION: (18)-(19)  
OTHER INFORMATION: 3' - O-MOE linkage; sub O linkage  
NAME/KEY: misc\_feature  
LOCATION: (19)-(19)  
OTHER INFORMATION: 3' - O-MOE linkage

US-09-303-586-17

Query Match 1.6%; Score 15.8; DB 1; Length 19;  
Best Local Similarity 89.5%; Pred. No. 2.8e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 427 TTTTATTTATTTT 445  
DB 1 TTTTATTTT 19

RESULT 397

US-09-303-586-18  
Sequence 18, Application US/09303586  
Patent No. 6369209  
GENERAL INFORMATION:  
APPLICANT: Manoharan, Muthiah  
APPLICANT: Mohan, Venkatraman  
TITLE OF INVENTION: Oligonucleotides Having A DNA Form And B-DNA Form Confirmational  
FILE REFERENCE: IS163310  
CURRENT APPLICATION NUMBER: US/09/303,586  
CURRENT FILING DATE: 1999-05-03  
NUMBER OF SEQ ID NOS: 34  
SOFTWARE: Patentin version 3.0  
SEQ ID NO 18  
LENGTH: 19  
TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:  
NAME/KEY: misc\_feature  
OTHER INFORMATION: Oligonucleotide  
NAME/KEY: misc\_feature  
LOCATION: (15)-(16)  
OTHER INFORMATION: sub O linkage  
NAME/KEY: misc\_feature  
LOCATION: (16)-(17)  
OTHER INFORMATION: 2' - O-MOE; sub O linkage  
NAME/KEY: misc\_feature  
LOCATION: (17)-(18)  
OTHER INFORMATION: 2' - O-MOE; sub O linkage  
NAME/KEY: misc\_feature  
LOCATION: (18)-(19)  
OTHER INFORMATION: 2' - O-MOE; sub O linkage  
NAME/KEY: misc\_feature  
LOCATION: (19)-(19)  
OTHER INFORMATION: 2' - O-MOE

US-09-303-586-18

Query Match 1.6%; Score 15.8; DB 1; Length 19;  
Best Local Similarity 84.2%; Pred. No. 2.8e+02;  
Matches 16; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 427 TTTTATTTATTTT 445  
DB 1 TTTTATTTT 19

RESULT 398

US-09-303-586-26  
Sequence 26, Application US/09303586  
Patent No. 6369209  
GENERAL INFORMATION:  
APPLICANT: Manoharan, Muthiah  
APPLICANT: Mohan, Venkatraman  
TITLE OF INVENTION: Oligonucleotides Having A DNA Form And B-DNA Form Confirmational  
FILE REFERENCE: IS163310  
CURRENT APPLICATION NUMBER: US/09/303,586  
CURRENT FILING DATE: 1999-05-03  
NUMBER OF SEQ ID NOS: 34  
SOFTWARE: Patentin version 3.0  
SEQ ID NO 26  
LENGTH: 19  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
NAME/KEY: misc\_feature  
OTHER INFORMATION: Oligonucleotide  
NAME/KEY: misc\_feature  
LOCATION: (16)-(17)  
OTHER INFORMATION: 2'-modified T linkage  
NAME/KEY: misc\_feature  
LOCATION: (17)-(18)  
OTHER INFORMATION: 2'-modified T linkage  
NAME/KEY: misc\_feature  
LOCATION: (18)-(19)  
OTHER INFORMATION: 2'-modified T linkage  
NAME/KEY: misc\_feature  
LOCATION: (19)-(19)  
OTHER INFORMATION: 2'-modified T linkage

US-09-303-586-26

Query Match 1.6%; Score 15.8; DB 1; Length 19;  
Best Local Similarity 89.5%; Pred. No. 2.8e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 427 TTTTATTTATTTT 445  
DB 1 TTTTATTTT 19

```
RESULT 399
US-09-227-782-1
; Sequence 1, Application US/09227782
; Patent No. 6403779
; GENERAL INFORMATION:
; APPLICANT: Kawasaki, Andrew M
; APPLICANT: Fraser, Allister S
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Cook, Phillip D
; APPLICANT: Prakash, Thazha P
; TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
; FILE REFERENCE: ISIS3315
; CURRENT APPLICATION NUMBER: US/09/227,782
; CURRENT FILING DATE: 1999-01-08
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 1
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (15)..(18)
; OTHER INFORMATION: Description of Artificial Sequence: No. 6403779e1 Sequence
US-09-227-782-1
```

```
Query Match      1.6%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 2.8e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
Qy      427 TTTTATTTTATTTT 445
Db      1 TTTTATTTTATTTT 19

RESULT 400
US-09-227-782-2
; Sequence 2, Application US/09227782
; Patent No. 6403779
; GENERAL INFORMATION:
; APPLICANT: Kawasaki, Andrew M
; APPLICANT: Fraser, Allister S
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Cook, Phillip D
; APPLICANT: Prakash, Thazha P
; TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
; FILE REFERENCE: ISIS3315
; CURRENT APPLICATION NUMBER: US/09/227,782
; CURRENT FILING DATE: 1999-01-08
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 2
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (15)..(18)
; OTHER INFORMATION: Description of Artificial Sequence: No. 6403779e1 Sequence
US-09-227-782-2
```

```
Query Match      1.6%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 2.8e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

RESULT 401

```
US-09-227-782-3
; Sequence 3, Application US/09227782
; Patent No. 6403779
; GENERAL INFORMATION:
; APPLICANT: Kawasaki, Andrew M
; APPLICANT: Fraser, Allister S
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Cook, Phillip D
; APPLICANT: Prakash, Thazha P
; TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
; FILE REFERENCE: ISIS3315
; CURRENT APPLICATION NUMBER: US/09/227,782
; CURRENT FILING DATE: 1999-01-08
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 3
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (15)..(18)
; OTHER INFORMATION: Description of Artificial Sequence: No. 6403779e1 Sequence
US-09-227-782-3
```

```
Query Match      1.6%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 2.8e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
Qy      427 TTTTATTTTATTTT 445
Db      1 TTTTATTTTATTTT 19

RESULT 402
US-09-227-782-4
; Sequence 4, Application US/09227782
; Patent No. 6403779
; GENERAL INFORMATION:
; APPLICANT: Kawasaki, Andrew M
; APPLICANT: Fraser, Allister S
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Cook, Phillip D
; APPLICANT: Prakash, Thazha P
; TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
; FILE REFERENCE: ISIS3315
; CURRENT APPLICATION NUMBER: US/09/227,782
; CURRENT FILING DATE: 1999-01-08
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 4
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (16)..(19)
; OTHER INFORMATION: Description of Artificial Sequence: No. 6403779e1 Sequence
US-09-227-782-4
```

```
Query Match      1.6%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 2.8e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

RESULT 403  
US-09-227-782-5

```
; Sequence 5, Application US/09227782
; Patent No. 6403779
; GENERAL INFORMATION:
; APPLICANT: Kawasaki, Andrew M
; APPLICANT: Fraser, Allister S
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Cook, Phillip D
; APPLICANT: Prakash, Thazha P
; TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
; FILE REFERENCE: IS1S315
; CURRENT APPLICATION NUMBER: US/09/227,782
; CURRENT FILING DATE: 1999-01-08
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 5
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (16)..(19)
; OTHER INFORMATION: 5- methyl- 2'-methoxyethoxy
; OTHER INFORMATION: Description of Artificial Sequence: No. 6403779e1 Sequence
US-09-227-782-5

Query Match      1.6%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 2.8e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 427 TTTTATTTTATTTT 445
DB 1 TTTTATTTTATTTT 19

RESULT 404
US-09-227-782-6
; Sequence 6, Application US/09227782
; Patent No. 6403779
; GENERAL INFORMATION:
; APPLICANT: Kawasaki, Andrew M
; APPLICANT: Fraser, Allister S
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Cook, Phillip D
; APPLICANT: Prakash, Thazha P
; TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
; FILE REFERENCE: IS1S315
; CURRENT APPLICATION NUMBER: US/09/227,782
; CURRENT FILING DATE: 1999-01-08
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 6
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (16)..(19)
; OTHER INFORMATION: 5- methyl- 2'-O-propyl
; OTHER INFORMATION: Description of Artificial Sequence: No. 6403779e1 Sequence
US-09-227-782-6

Query Match      1.6%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 2.8e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 427 TTTTATTTTATTTT 445
DB 1 TTTTATTTTATTTT 19

RESULT 405
US-09-227-782-7
; Sequence 7, Application US/09227782
```

```
; Patent No. 6403779
; GENERAL INFORMATION:
; APPLICANT: Kawasaki, Andrew M
; APPLICANT: Fraser, Allister S
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Cook, Phillip D
; APPLICANT: Prakash, Thazha P
; TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
; FILE REFERENCE: IS1S315
; CURRENT APPLICATION NUMBER: US/09/227,782
; CURRENT FILING DATE: 1999-01-08
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 7
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (18)
; OTHER INFORMATION: 5- methyl- 2'- dimethylaminoxyethoxy
; OTHER INFORMATION: Description of Artificial Sequence: No. 6403779e1 Sequence
US-09-227-782-7

Query Match      1.6%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 2.8e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 427 TTTTATTTTATTTT 445
DB 1 TTTTATTTTATTTT 19

RESULT 406
US-09-227-782-8
; Sequence 8, Application US/09227782
; Patent No. 6403779
; GENERAL INFORMATION:
; APPLICANT: Kawasaki, Andrew M
; APPLICANT: Fraser, Allister S
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Cook, Phillip D
; APPLICANT: Prakash, Thazha P
; TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
; FILE REFERENCE: IS1S315
; CURRENT APPLICATION NUMBER: US/09/227,782
; CURRENT FILING DATE: 1999-01-08
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 8
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (18)
; OTHER INFORMATION: 5- methyl- 2'- methoxyethoxy
; OTHER INFORMATION: Description of Artificial Sequence: No. 6403779e1 Sequence
US-09-227-782-8

Query Match      1.6%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 2.8e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 427 TTTTATTTTATTTT 445
DB 1 TTTTATTTTATTTT 19

RESULT 407
US-09-227-782-12
; Sequence 12, Application US/09227782
; Patent No. 6403779
```

```

; GENERAL INFORMATION:
; APPLICANT: Kawasaki, Andrew M
; APPLICANT: Fraser, Allister S
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Cook, Phillip D
; APPLICANT: Prakash, Thazha P
; TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
; FILE REFERENCE: ISIS3315
; CURRENT APPLICATION NUMBER: US/09/227,782
; CURRENT FILING DATE: 1999-01-08
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 12
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (15)..(18)
; OTHER INFORMATION: 5-methyl-2'-dimethylaminoxyethoxy
; OTHER INFORMATION: Description of Artificial Sequence: No. 6403779e1 Sequence
US-09-227-782-12

Query Match      1.6%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 2.8e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      427 TTTTATTATTATTATTTT 445
DB      1 TTTTATTATTATTATTTT 19

RESULT 408
US-09-227-782-14
; Sequence 14, Application US/09227782
; Patent No. 6403779
; GENERAL INFORMATION:
; APPLICANT: Kawasaki, Andrew M
; APPLICANT: Fraser, Allister S
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Cook, Phillip D
; APPLICANT: Prakash, Thazha P
; TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
; FILE REFERENCE: ISIS3315
; CURRENT APPLICATION NUMBER: US/09/227,782
; CURRENT FILING DATE: 1999-01-08
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 14
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (16)..(19)
; OTHER INFORMATION: 5-methyl-2'-dimethylaminoxyethoxy
; OTHER INFORMATION: Description of Artificial Sequence: No. 6403779e1 Sequence
US-09-227-782-14

Query Match      1.6%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 2.8e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      427 TTTTATTATTATTATTTT 445
DB      1 TTTTATTATTATTATTTT 19

RESULT 409
US-09-227-782-15
; Sequence 15, Application US/09227782
; Patent No. 6403779
; GENERAL INFORMATION:

```

```

; APPLICANT: Kawasaki, Andrew M
; APPLICANT: Fraser, Allister S
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Cook, Phillip D
; APPLICANT: Prakash, Thazha P
; TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
; FILE REFERENCE: ISIS3315
; CURRENT APPLICATION NUMBER: US/09/227,782
; CURRENT FILING DATE: 1999-01-08
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 15
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (16)..(19)
; OTHER INFORMATION: 5-methyl-2'-dimethylaminoxyethoxy
; OTHER INFORMATION: Description of Artificial Sequence: No. 6403779e1 Sequence
US-09-227-782-15

Query Match      1.6%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 2.8e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      427 TTTTATTATTATTATTTT 445
DB      1 TTTTATTATTATTATTTT 19

RESULT 410
US-09-227-782-25
; Sequence 25, Application US/09227782
; Patent No. 6403779
; GENERAL INFORMATION:
; APPLICANT: Kawasaki, Andrew M
; APPLICANT: Fraser, Allister S
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Cook, Phillip D
; APPLICANT: Prakash, Thazha P
; TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
; FILE REFERENCE: ISIS3315
; CURRENT APPLICATION NUMBER: US/09/227,782
; CURRENT FILING DATE: 1999-01-08
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 25
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (15)..(18)
; OTHER INFORMATION: 2'-methyleneiminoxyethoxy
; OTHER INFORMATION: Description of Artificial Sequence: No. 6403779e1 Sequence
US-09-227-782-25

Query Match      1.6%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 2.8e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      427 TTTTATTATTATTATTTT 445
DB      1 TTTTATTATTATTATTTT 19

RESULT 411
US-09-619-103-25/c
; Sequence 25, Application US/09619103
; Patent No. 6429300
; GENERAL INFORMATION:
; APPLICANT: Kurz, Markus

```



```
/ APPLICANT: Lohse, Peter
/ APPLICANT: Wagner, Richard
/ TITLE OF INVENTION: Peptide Acceptor Ligation Methods
/ FILE REFERENCE: 50036/031002
/ CURRENT APPLICATION NUMBER: US/09/619,103
/ CURRENT FILING DATE: 2000-07-19
/ PRIOR APPLICATION NUMBER: 60/145,834
/ PRIOR FILING DATE: 1999-07-27
/ NUMBER OF SEQ ID NOS: 26
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 25
/ LENGTH: 19
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: designed sequence for nucleic acid purification
US-09-619-103-25
```

```
Query Match 1.6%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 2.8e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY 427 TTTTATTTTATTTT 445
DB 19 TTTTATTTTATTTT 1
```

```
RESULT 412
US-09-288-679-1
/ Sequence 1, Application US/09288679
/ GENERAL INFORMATION:
/ APPLICANT: Ravikumar, Vasulunga
/ APPLICANT: Manoharan, Muthiah
/ APPLICANT: Capaldi, Daniel
/ APPLICANT: Krotz, Achim
/ APPLICANT: Cole, Douglas
/ APPLICANT: Guzaev, Andrei
/ TITLE OF INVENTION: Improved Process for the Synthesis of Oligomeric Compounds
/ FILE REFERENCE: ISIS3180
/ CURRENT APPLICATION NUMBER: US/09/288,679
/ CURRENT FILING DATE: 1999-04-09
/ PRIOR APPLICATION NUMBER: 60/118,564
/ PRIOR FILING DATE: 1999-02-04
/ NUMBER OF SEQ ID NOS: 7
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 1
/ LENGTH: 19
/ TYPE: DNA
/ ORGANISM: Artificial
/ FEATURE:
/ OTHER INFORMATION: No. 6465628e1 Sequence
US-09-288-679-1
```

```
Query Match 1.6%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 2.8e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY 427 TTTTATTTTATTTT 445
DB 1 TTTTATTTTATTTT 19
```

```
RESULT 413
US-09-918-686-92/C
/ Sequence 92, Application US/09918686
/ Patent No. 6475739
/ GENERAL INFORMATION:
/ APPLICANT: Brunkow, Mary
/ APPLICANT: Prohl, Sean
/ APPLICANT: Paepfer, Bryan
/ APPLICANT: Staehling-Hampton, Karen
/ TITLE OF INVENTION: METHODS FOR IDENTIFYING
```

```
/ TITLE OF INVENTION: GENOMIC DELETIONS
/ FILE REFERENCE: 240083.515
/ CURRENT APPLICATION NUMBER: US/09/918,686
/ CURRENT FILING DATE: 2001-07-30
/ NUMBER OF SEQ ID NOS: 105
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 92
/ LENGTH: 19
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: PCR primer
US-09-918-686-92
```

```
Query Match 1.6%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 2.8e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY 1056 CCACACCCGCTATTTT 1074
DB 19 CCACACCCGCTATTTT 1
```

```
RESULT 414
US-09-612-531-3
/ Sequence 3, Application US/09612531
/ Patent No. 6534639
/ GENERAL INFORMATION:
/ APPLICANT: Manoharan, Muthiah
/ APPLICANT: Cook, Philip Dan
/ APPLICANT: Prakash, Thazha P.
/ APPLICANT: Mohan, Venkatarman
/ TITLE OF INVENTION: Guanidinium Functionalized Oligomers And Methods
/ FILE REFERENCE: ISIS-4406
/ CURRENT APPLICATION NUMBER: US/09/612,531
/ CURRENT FILING DATE: 2000-07-07
/ PRIOR APPLICATION NUMBER: 09/349,040
/ PRIOR FILING DATE: 1999-07-07
/ NUMBER OF SEQ ID NOS: 25
/ SOFTWARE: PatentIn version 3.1
/ SEQ ID NO 3
/ LENGTH: 19
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Oligonucleotide
/ NAME/KEY: misc feature
/ LOCATION: (16)-(19)
/ OTHER INFORMATION: T*2'-O-[2-(guanidinium)ethyl]
US-09-612-531-3
```

```
Query Match 1.6%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 2.8e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY 427 TTTTATTTTATTTT 445
DB 1 TTTTATTTTATTTT 19
```

```
RESULT 415
US-09-612-531-7
/ Sequence 7, Application US/09612531
/ Patent No. 6534639
/ GENERAL INFORMATION:
/ APPLICANT: Manoharan, Muthiah
/ APPLICANT: Cook, Philip Dan
/ APPLICANT: Prakash, Thazha P.
/ APPLICANT: Mohan, Venkatarman
/ TITLE OF INVENTION: Guanidinium Functionalized Oligomers And Methods
/ FILE REFERENCE: ISIS-4406
/ CURRENT APPLICATION NUMBER: US/09/612,531
/ CURRENT FILING DATE: 2000-07-07
```

```

; PRIOR APPLICATION NUMBER: 09/349,040
; PRIOR FILING DATE: 1999-07-07
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 7
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (19)..(19)
; OTHER INFORMATION: T*=2'-O-[2-(guanidinium)ethyl]
US-09-612-531-7

Query Match      1.6%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 2.8e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      427 TTTTATTTATTTATTTT 445
      1 TTTTATTTATTTATTTT 19
DB

RESULT 416
US-09-612-531-13
; Sequence 13, Application US/09612531
; Patent No. 6534639
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Cook, Philip Dan
; APPLICANT: Prakash, Thazha P.
; APPLICANT: Mohan, Venkattraman
; TITLE OF INVENTION: Guanidinium Functionalized Oligomers And Methods
; FILE REFERENCE: Isis-4406
; CURRENT APPLICATION NUMBER: US/09/612,531
; CURRENT FILING DATE: 2000-07-07
; PRIOR APPLICATION NUMBER: 09/349,040
; PRIOR FILING DATE: 1999-07-07
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 13
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (17)..(17)
; OTHER INFORMATION: T*=2'-O-[2-(guanidinium)ethyl]
; NAME/KEY: misc_feature
; LOCATION: (19)..(19)
; OTHER INFORMATION: T*=2'-O-[2-(guanidinium)ethyl]
US-09-612-531-13

Query Match      1.6%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 2.8e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      427 TTTTATTTATTTATTTT 445
      1 TTTTATTTATTTATTTT 19
DB

RESULT 417
US-09-060-299-157/c
; Sequence 157, Application US/09060299
; Patent No. 6545137
; GENERAL INFORMATION:
; APPLICANT: Todd, John A
; APPLICANT: Hess, John W
; APPLICANT: Caskey, Charles T
; APPLICANT: Cox, Roger D
```

```

; APPLICANT: Gerhold, David
; APPLICANT: Hammond, Holly
; APPLICANT: Hey, Patricia
; APPLICANT: Kawaguchi, Yoshihiko
; APPLICANT: Merriman, Tony R
; APPLICANT: Metzker, Michael L
; TITLE OF INVENTION: No. 6545137e1 Receptor
; NUMBER OF SEQUENCES: 455
; CORRESPONDENCE ADDRESS:
; ADDRESS: Nixon and Vanderhye
; STREET: 1100 No. 6545137th Glebe Road, Eighth Floor
; CITY: Arlington
; STATE: Virginia
; COUNTRY: US
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25 (EPC)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/060,299
; FILING DATE: 15-APR-1998
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/043,553
; FILING DATE: 15-APR-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/048,740
; FILING DATE: 05-JUN-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: B.J. Sadoff
; REGISTRATION NUMBER: 36,663
; REFERENCE/DOCKET NUMBER: 620-35
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703)816-4091
; TELEFAX: (703)816-4100
; INFORMATION FOR SEQ ID NO: 157:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-060-299-157

Query Match      1.6%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 2.8e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      993 CCCGGGCTCAGCGATTCT 1011
      19 CCTGGGTTCAAGCATTCCT 1
DB

RESULT 418
US-09-060-299-242/c
; Sequence 242, Application US/09060299
; Patent No. 6545137
; GENERAL INFORMATION:
; APPLICANT: Todd, John A
; APPLICANT: Hess, John W
; APPLICANT: Caskey, Charles T
; APPLICANT: Cox, Roger D
; APPLICANT: Gerhold, David
; APPLICANT: Hammond, Holly
; APPLICANT: Hey, Patricia
; APPLICANT: Kawaguchi, Yoshihiko
; APPLICANT: Merriman, Tony R
; APPLICANT: Metzker, Michael L
; TITLE OF INVENTION: No. 6545137e1 Receptor
; NUMBER OF SEQUENCES: 455
; CORRESPONDENCE ADDRESS:
; ADDRESS: Nixon and Vanderhye
; STREET: 1100 No. 6545137th Glebe Road, Eighth Floor
```

CITY: Arlington  
STATE: Virginia  
COUNTRY: US  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25 (BPO)  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/060,299  
FILING DATE: 15-APR-1998  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 60/043,553  
FILING DATE: 15-APR-1997  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 60/048,740  
FILING DATE: 05-JUN-1997  
ATTORNEY/AGENT INFORMATION:  
NAME: B.J.Sadoff  
REGISTRATION NUMBER: 36,663  
REFERENCE/DOCKET NUMBER: 620-35  
TELEPHONE: (703)816-4091  
TELEFAX: (703)816-4100  
INFORMATION FOR SEQ ID NO: 242:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-09-060-299-242

Query Match 1.6%; Score 15.8; DB 1; Length 19;  
Best Local Similarity 89.5%; Pred. No. 2.8e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 751 CACCACGCTGCTAATTT 769  
DB 19 CACCATGCTGCTAATTT 1

RESULT 419  
US-10-121-135-5  
Sequence 5, Application US/10121135  
Patent No. 6552178  
GENERAL INFORMATION:  
APPLICANT: Manoharan, Muthiah  
TITLE OF INVENTION: 2'-O-Aminoethyloxyethyl-Modified Oligonucleotides  
FILE REFERENCE: ISIS-5036  
CURRENT APPLICATION NUMBER: US/10/121,135  
CURRENT FILING DATE: 2002-04-11  
PRIOR APPLICATION NUMBER: 09/370,625  
PRIOR FILING DATE: 1999-08-06  
PRIOR APPLICATION NUMBER: 09/130,566  
PRIOR FILING DATE: 1998-08-07  
NUMBER OF SEQ ID NOS: 28  
SOFTWARE: Patentin version 3.1  
SEQ ID NO 5  
LENGTH: 19  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Synthetic Construct  
FEATURE:  
NAME/KEY: misc\_feature  
LOCATION: (16)..(19)  
OTHER INFORMATION: 2'-modified T  
US-10-121-135-5

Query Match 1.6%; Score 15.8; DB 1; Length 19;  
Best Local Similarity 89.5%; Pred. No. 2.8e+02;

Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 427 TTTTATTTTATTTT 445  
DB 1 TTTTATTTTATTTT 19

RESULT 420  
US-10-121-135-26  
Sequence 26, Application US/10121135  
Patent No. 6552178  
GENERAL INFORMATION:  
APPLICANT: Manoharan, Muthiah  
TITLE OF INVENTION: 2'-O-Aminoethyloxyethyl-Modified Oligonucleotides  
FILE REFERENCE: ISIS-5036  
CURRENT APPLICATION NUMBER: US/10/121,135  
CURRENT FILING DATE: 2002-04-11  
PRIOR APPLICATION NUMBER: 09/370,625  
PRIOR FILING DATE: 1999-08-06  
PRIOR APPLICATION NUMBER: 09/130,566  
PRIOR FILING DATE: 1998-08-07  
NUMBER OF SEQ ID NOS: 28  
SOFTWARE: Patentin version 3.1  
SEQ ID NO 26  
LENGTH: 19  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Synthetic Construct  
FEATURE:  
NAME/KEY: misc\_feature  
LOCATION: (16)..(19)  
OTHER INFORMATION: 2'-O-(2-N,N-dimethylaminoethyl) oxyethyl]-5-methyl uridine (2  
US-10-121-135-26

Query Match 1.6%; Score 15.8; DB 1; Length 19;  
Best Local Similarity 89.5%; Pred. No. 2.8e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 427 TTTTATTTTATTTT 445  
DB 1 TTTTATTTTATTTT 19

RESULT 421  
US-09-402-923A-157/C  
Sequence 157, Application US/09402923A  
Patent No. 6555654  
GENERAL INFORMATION:  
APPLICANT: Todd, John A  
Hess, John W  
Casey, Charles T  
Cox, Roger D  
Gerhold, David  
Hammond, Holly  
Hey, Patricia  
Kawaguchi, Yoshiniko  
Merriman, Tony R  
Metzker, Michael L  
TITLE OF INVENTION: No. 6555654e1 LDL-Receptor  
NUMBER OF SEQUENCES: 455  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Nixon and Vanderhye  
STREET: 1100 No. 6555654th Globe Road, Eighth Floor  
CITY: Arlington  
STATE: Virginia  
COUNTRY: US  
ZIP: VA 22201-4714  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25 (EPO)  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/402,923A  
FILING DATE: 14-Feb-2001  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: PCT/GB98/01102  
FILING DATE: 15-APR-1998  
APPLICATION NUMBER: US 60/043,553  
FILING DATE: 15-APR-1997  
APPLICATION NUMBER: US 60/048,740  
FILING DATE: 05-JUN-1997  
ATTORNEY/AGENT INFORMATION:  
NAME: B.J.Sadoff  
REGISTRATION NUMBER: 36,663  
REFERENCE/DOCKET NUMBER: 620-81  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (703)816-4091  
TELEFAX: (703)816-4100  
INFORMATION FOR SEQ ID NO: 157:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
SEQUENCE DESCRIPTION: SEQ ID NO: 157:  
US-09-402-923A-157

Query Match 1.6%; Score 15.8; DB 1; Length 19;  
Best Local Similarity 89.5%; Pred. No. 2.8e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 993 CCGGGCTCAGCGATTCT 1011  
DB 19 CCGGGCTCAGCGATTCT 1

RESULT 422  
US-09-402-923A-242/C  
Sequence 242, Application US/09402923A  
Patent No. 6555654  
GENERAL INFORMATION:  
APPLICANT: Todd, John A  
Hess, John W  
Caskey, Charles T  
Cox, Roger D  
Gerhold, David  
Hammond, Holly  
Hey, Patricia  
Kawaguchi, Yoshiniko  
Merriman, Tony R  
Metzker, Michael L  
TITLE OF INVENTION: NO. 6555654e1 LDL-Receptor  
NUMBER OF SEQUENCES: 455  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Nixon and Vanderhye  
STREET: 1100 No. 6555654th Glebe Road, Eighth Floor  
CITY: Arlington  
STATE: Virginia  
COUNTRY: US  
ZIP: VA 22201-4714  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25 (EPO)  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/402,923A  
FILING DATE: 14-Feb-2001  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: PCT/GB98/01102  
FILING DATE: 15-APR-1998  
APPLICATION NUMBER: US 60/043,553

FILING DATE: 15-APR-1997  
APPLICATION NUMBER: US 60/048,740  
FILING DATE: 05-JUN-1997  
ATTORNEY/AGENT INFORMATION:  
NAME: B.J.Sadoff  
REGISTRATION NUMBER: 36,663  
REFERENCE/DOCKET NUMBER: 620-81  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (703)816-4091  
TELEFAX: (703)816-4100  
INFORMATION FOR SEQ ID NO: 242:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
SEQUENCE DESCRIPTION: SEQ ID NO: 242:  
US-09-402-923A-242

Query Match 1.6%; Score 15.8; DB 1; Length 19;  
Best Local Similarity 89.5%; Pred. No. 2.8e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 751 CACCAAGCTTACTTAATT 769  
DB 19 CACCAAGCTTACTTAATT 1

RESULT 423  
US-09-142-212A-10  
Sequence 10, Application US/09142212A  
Patent No. 6562960  
GENERAL INFORMATION:  
APPLICANT: Baxter, Anthony David  
Collingwood, Stephen Paul  
APPLICANT: Douglas, Mark Edward  
APPLICANT: Taylor, Roger John  
TITLE OF INVENTION: Oligonucleotide Analogues  
FILE REFERENCE: IS184385  
CURRENT APPLICATION NUMBER: US/09/142,212A  
PRIOR FILING DATE: 1998-10-09  
PRIOR APPLICATION NUMBER: 97/00499  
PRIOR FILING DATE: 1997-02-24  
NUMBER OF SEQ ID NOS: 13  
SOFTWARE: Patentin Ver. 2.1  
SEQ ID NO: 10  
LENGTH: 19  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
NAME/KEY: misc\_feature  
LOCATION: (16)..(18)  
OTHER INFORMATION: Modified internucleoside linkage  
US-09-142-212A-10

Query Match 1.6%; Score 15.8; DB 1; Length 19;  
Best Local Similarity 89.5%; Pred. No. 2.8e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 427 TTTTATTTATTTATTTT 445  
DB 1 TTTTATTTATTTATTTT 19

RESULT 424  
US-09-349-040A-3  
Sequence 3, Application US/09349040A  
Patent No. 6593466  
GENERAL INFORMATION:  
APPLICANT: Manoharan, Muthiah  
APPLICANT: Cook, Phillip Dan

```
APPLICANT: Prakash, Thazha
APPLICANT: Mohan, Venkatraman
TITLE OF INVENTION: Functionalized Oligomers
FILE REFERENCE: ISIS-3811
CURRENT APPLICATION NUMBER: US/09/349,040A
CURRENT FILING DATE: 1999-07-07
NUMBER OF SEQ ID NOS: 10
SOFTWARE: PatentIn version 3.0
SEQ ID NO 3
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
NAME/KEY: misc feature
OTHER INFORMATION: No. 6593466el Sequence
US-09-349-040A-3
```

```
Query Match
Best Local Similarity 1.6%; Score 15.8; DB 1; Length 19;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
Oy 427 TTTTATTTTATTTT 445
Db 1 TTTTATTTTATTTT 19
```

```
RESULT 425
US-09-349-040A-4
Sequence 4, Application US/09349040A
Patent No. 6593466
GENERAL INFORMATION:
APPLICANT: Manoharan, Muthiah
APPLICANT: Cook, Phillip Dan
APPLICANT: Prakash, Thazha
APPLICANT: Mohan, Venkatraman
TITLE OF INVENTION: Functionalized Oligomers
FILE REFERENCE: ISIS-3811
CURRENT APPLICATION NUMBER: US/09/349,040A
CURRENT FILING DATE: 1999-07-07
NUMBER OF SEQ ID NOS: 10
SOFTWARE: PatentIn version 3.0
SEQ ID NO 4
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
NAME/KEY: misc feature
OTHER INFORMATION: No. 6593466el Sequence
US-09-349-040A-4
```

```
Query Match
Best Local Similarity 1.6%; Score 15.8; DB 1; Length 19;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
Oy 427 TTTTATTTTATTTT 445
Db 1 TTTTATTTTATTTT 19
```

```
RESULT 426
US-09-349-040A-5
Sequence 5, Application US/09349040A
Patent No. 6593466
GENERAL INFORMATION:
APPLICANT: Manoharan, Muthiah
APPLICANT: Cook, Phillip Dan
APPLICANT: Prakash, Thazha
APPLICANT: Mohan, Venkatraman
TITLE OF INVENTION: Functionalized Oligomers
FILE REFERENCE: ISIS-3811
CURRENT APPLICATION NUMBER: US/09/349,040A
CURRENT FILING DATE: 1999-07-07
NUMBER OF SEQ ID NOS: 10
```

```
SOFTWARE: PatentIn version 3.0
SEQ ID NO 5
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
NAME/KEY: misc feature
OTHER INFORMATION: No. 6593466el Sequence
US-09-349-040A-5
```

```
Query Match
Best Local Similarity 1.6%; Score 15.8; DB 1; Length 19;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
Oy 427 TTTTATTTTATTTT 445
Db 1 TTTTATTTTATTTT 19
```

```
RESULT 427
US-09-409-926-17
Sequence 17, Application US/09409926
Patent No. 6617442
GENERAL INFORMATION:
APPLICANT: Crooke, Stanley T.
APPLICANT: Lima, Walter F.
APPLICANT: Wu, Hongjiang
TITLE OF INVENTION: Human Rhase H1 and Oligonucleotide Compositions Thereof
FILE REFERENCE: ISIS4186
CURRENT APPLICATION NUMBER: US/09/409,926
CURRENT FILING DATE: 1999-09-30
NUMBER OF SEQ ID NOS: 33
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 17
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: No. 6617442el Sequence
US-09-409-926-17
```

```
Query Match
Best Local Similarity 1.6%; Score 15.8; DB 1; Length 19;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
Oy 427 TTTTATTTTATTTT 445
Db 1 TTTTATTTTATTTT 19
```

```
RESULT 428
US-09-409-926-18
Sequence 18, Application US/09409926
Patent No. 6617442
GENERAL INFORMATION:
APPLICANT: Crooke, Stanley T.
APPLICANT: Lima, Walter F.
APPLICANT: Wu, Hongjiang
TITLE OF INVENTION: Human Rhase H1 and Oligonucleotide Compositions Thereof
FILE REFERENCE: ISIS4186
CURRENT APPLICATION NUMBER: US/09/409,926
CURRENT FILING DATE: 1999-09-30
NUMBER OF SEQ ID NOS: 33
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 18
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Combined DNA/RNA Molecule:
OTHER INFORMATION: Oligonucleotide
OTHER INFORMATION: Description of Artificial Sequence: No. 6617442el Sequence
US-09-409-926-18
```

Query Match 1.6%; Score 15.8; DB 1; Length 19;  
Best Local Similarity 84.2%; Pred. No. 2.8e+02;  
Matches 16; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 427 TTTTATTTTATTTT 445  
|||||  
1 TTTTATTTTATTTT 19

RESULT 429  
US-10-123-597-1

; Sequence 1, Application US/10123597  
; Patent No. 6624294

; GENERAL INFORMATION:

; APPLICANT: Cook, Phillip D

; APPLICANT: Kawasaki, Andrew M

; APPLICANT: Manoharan, Muthiah

; APPLICANT: Prakash, Thazha P

; APPLICANT: Fraser, Allister S

; TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides

; FILE REFERENCE: ISIS5040

; CURRENT APPLICATION NUMBER: US/10/123,597

; PRIOR FILING DATE: 2002-07-10

; PRIOR APPLICATION NUMBER: 09/227,782

; PRIOR FILING DATE: 1999-01-08

; NUMBER OF SEQ ID NOS: 28

; SOFTWARE: PatentIn version 3.1

; SEQ ID NO 1

; LENGTH: 19

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; NAME/KEY: misc\_feature

; LOCATION: (15)..(18)

; OTHER INFORMATION: 5-methyl-2'-aminoxyethoxy

US-10-123-597-1

Query Match 1.6%; Score 15.8; DB 1; Length 19;  
Best Local Similarity 89.5%; Pred. No. 2.8e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 427 TTTTATTTTATTTT 445  
|||||  
1 TTTTATTTTATTTT 19

RESULT 430  
US-10-123-597-2

; Sequence 2, Application US/10123597

; Patent No. 6624294

; GENERAL INFORMATION:

; APPLICANT: Cook, Phillip D

; APPLICANT: Kawasaki, Andrew M

; APPLICANT: Manoharan, Muthiah

; APPLICANT: Prakash, Thazha P

; APPLICANT: Fraser, Allister S

; TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides

; FILE REFERENCE: ISIS5040

; CURRENT APPLICATION NUMBER: US/10/123,597

; PRIOR FILING DATE: 2002-07-10

; PRIOR APPLICATION NUMBER: 09/227,782

; PRIOR FILING DATE: 1999-01-08

; NUMBER OF SEQ ID NOS: 28

; SOFTWARE: PatentIn version 3.1

; SEQ ID NO 2

; LENGTH: 19

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; NAME/KEY: misc\_feature

; LOCATION: (15)..(18)  
; OTHER INFORMATION: 5-methyl-2'-dimethylaminoxyethoxy

Query Match 1.6%; Score 15.8; DB 1; Length 19;  
Best Local Similarity 89.5%; Pred. No. 2.8e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 427 TTTTATTTTATTTT 445  
|||||  
1 TTTTATTTTATTTT 19

RESULT 431  
US-10-123-597-3

; Sequence 3, Application US/10123597

; Patent No. 6624294

; GENERAL INFORMATION:

; APPLICANT: Cook, Phillip D

; APPLICANT: Kawasaki, Andrew M

; APPLICANT: Manoharan, Muthiah

; APPLICANT: Prakash, Thazha P

; APPLICANT: Fraser, Allister S

; TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides

; FILE REFERENCE: ISIS5040

; CURRENT APPLICATION NUMBER: US/10/123,597

; PRIOR FILING DATE: 2002-07-10

; PRIOR APPLICATION NUMBER: 09/227,782

; PRIOR FILING DATE: 1999-01-08

; NUMBER OF SEQ ID NOS: 28

; SOFTWARE: PatentIn version 3.1

; SEQ ID NO 3

; LENGTH: 19

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; NAME/KEY: misc\_feature

; LOCATION: (15)..(18)

; OTHER INFORMATION: 2'-methoxyethoxy

US-10-123-597-3

Query Match 1.6%; Score 15.8; DB 1; Length 19;  
Best Local Similarity 89.5%; Pred. No. 2.8e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 427 TTTTATTTTATTTT 445  
|||||  
1 TTTTATTTTATTTT 19

RESULT 432  
US-10-123-597-4

; Sequence 4, Application US/10123597

; Patent No. 6624294

; GENERAL INFORMATION:

; APPLICANT: Cook, Phillip D

; APPLICANT: Kawasaki, Andrew M

; APPLICANT: Manoharan, Muthiah

; APPLICANT: Prakash, Thazha P

; APPLICANT: Fraser, Allister S

; TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides

; FILE REFERENCE: ISIS5040

; CURRENT APPLICATION NUMBER: US/10/123,597

; PRIOR FILING DATE: 2002-07-10

; PRIOR APPLICATION NUMBER: 09/227,782

; PRIOR FILING DATE: 1999-01-08

; NUMBER OF SEQ ID NOS: 28

; SOFTWARE: PatentIn version 3.1

; SEQ ID NO 4

; LENGTH: 19

; TYPE: DNA

; ORGANISM: Artificial Sequence

```
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: Synthetic construct
/ NAME/KEY: misc feature
/ LOCATION: (16)..(19)
/ OTHER INFORMATION: 5-methyl-2'-dimethylaminoxyethoxy
US-10-123-597-4
```

```
Query Match 1.6%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 2.8e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
OY 427 TTTTATTTTATTTT 445
Db 1 TTTTATTTTATTTT 19
```

```
RESULT 433
US-10-123-597-5
; Sequence 5, Application US/10123597
; Patent No. 6624294
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip D
; APPLICANT: Kawasaki, Andrew M
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Prakash, Thazha P
; APPLICANT: Fraser, Allister S
; TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
; FILE REFERENCE: ISIS5040
; CURRENT APPLICATION NUMBER: US/10/123,597
; CURRENT FILING DATE: 2002-07-10
; PRIOR APPLICATION NUMBER: 09/227,782
; PRIOR FILING DATE: 1999-01-08
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 5
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic construct
; NAME/KEY: misc feature
; LOCATION: (16)..(19)
; OTHER INFORMATION: 5-methyl-2'-methoxyethoxy
US-10-123-597-5
```

```
Query Match 1.6%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 2.8e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
OY 427 TTTTATTTTATTTT 445
Db 1 TTTTATTTTATTTT 19
```

```
RESULT 434
US-10-123-597-6
; Sequence 6, Application US/10123597
; Patent No. 6624294
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip D
; APPLICANT: Kawasaki, Andrew M
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Prakash, Thazha P
; APPLICANT: Fraser, Allister S
; TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
; FILE REFERENCE: ISIS5040
; CURRENT APPLICATION NUMBER: US/10/123,597
; CURRENT FILING DATE: 2002-07-10
; PRIOR APPLICATION NUMBER: 09/227,782
; PRIOR FILING DATE: 1999-01-08
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 6
```

```
/ LENGTH: 19
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: Synthetic construct
/ NAME/KEY: misc feature
/ LOCATION: (16)..(19)
/ OTHER INFORMATION: 5-methyl-2'-O-propyl
US-10-123-597-6
```

```
Query Match 1.6%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 2.8e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
OY 427 TTTTATTTTATTTT 445
Db 1 TTTTATTTTATTTT 19
```

```
RESULT 435
US-10-123-597-7
; Sequence 7, Application US/10123597
; Patent No. 6624294
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip D
; APPLICANT: Kawasaki, Andrew M
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Prakash, Thazha P
; APPLICANT: Fraser, Allister S
; TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
; FILE REFERENCE: ISIS5040
; CURRENT APPLICATION NUMBER: US/10/123,597
; CURRENT FILING DATE: 2002-07-10
; PRIOR APPLICATION NUMBER: 09/227,782
; PRIOR FILING DATE: 1999-01-08
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 7
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic construct
; NAME/KEY: misc feature
; LOCATION: (18)..(18)
; OTHER INFORMATION: 5-methyl-2'-dimethylaminoxyethoxy
US-10-123-597-7
```

```
Query Match 1.6%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 2.8e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
OY 427 TTTTATTTTATTTT 445
Db 1 TTTTATTTTATTTT 19
```

```
RESULT 436
US-10-123-597-8
; Sequence 8, Application US/10123597
; Patent No. 6624294
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip D
; APPLICANT: Kawasaki, Andrew M
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Prakash, Thazha P
; APPLICANT: Fraser, Allister S
; TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
; FILE REFERENCE: ISIS5040
; CURRENT APPLICATION NUMBER: US/10/123,597
; CURRENT FILING DATE: 2002-07-10
; PRIOR APPLICATION NUMBER: 09/227,782
; PRIOR FILING DATE: 1999-01-08
```

```

; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 8
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic construct
; NAME/KEY: misc_feature
; LOCATION: (18)..(18)
; OTHER INFORMATION: 5-methyl-2'-methoxyethoxy
US-10-123-597-8

Query Match          1.6%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 2.8e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 427 TTTTATTTTATTTT 445
Db 1 TTTTATTTTATTTT 19

RESULT 437
US-10-123-597-12
; Sequence 12, Application US/10123597
; Patent No. 6624294
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip D
; APPLICANT: Kawasaki, Andrew M
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Prakash, Thazha P
; APPLICANT: Fraser, Allister S
; TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
; FILE REFERENCE: ISIS5040
; CURRENT APPLICATION NUMBER: US/10/123,597
; PRIOR FILING DATE: 2002-07-10
; PRIOR APPLICATION NUMBER: 09/227,782
; PRIOR FILING DATE: 1999-01-08
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 12
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic construct
; NAME/KEY: misc_feature
; LOCATION: (15)..(18)
; OTHER INFORMATION: 5-methyl-2'-dimethylaminoxyethoxy
US-10-123-597-12

Query Match          1.6%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 2.8e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 427 TTTTATTTTATTTT 445
Db 1 TTTTATTTTATTTT 19

RESULT 438
US-10-123-597-14
; Sequence 14, Application US/10123597
; Patent No. 6624294
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip D
; APPLICANT: Kawasaki, Andrew M
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Prakash, Thazha P
; APPLICANT: Fraser, Allister S
; TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
; FILE REFERENCE: ISIS5040
; CURRENT APPLICATION NUMBER: US/10/123,597
```

```

; CURRENT FILING DATE: 2002-07-10
; PRIOR APPLICATION NUMBER: 09/227,782
; PRIOR FILING DATE: 1999-01-08
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 14
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic construct
; NAME/KEY: misc_feature
; LOCATION: (16)..(19)
; OTHER INFORMATION: 5-methyl-2'-dimethylaminoxyethoxy
US-10-123-597-14

Query Match          1.6%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 2.8e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 427 TTTTATTTTATTTT 445
Db 1 TTTTATTTTATTTT 19

RESULT 439
US-10-123-597-15
; Sequence 15, Application US/10123597
; Patent No. 6624294
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip D
; APPLICANT: Kawasaki, Andrew M
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Prakash, Thazha P
; APPLICANT: Fraser, Allister S
; TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
; FILE REFERENCE: ISIS5040
; CURRENT APPLICATION NUMBER: US/10/123,597
; PRIOR FILING DATE: 2002-07-10
; PRIOR APPLICATION NUMBER: 09/227,782
; PRIOR FILING DATE: 1999-01-08
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 15
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic construct
; NAME/KEY: misc_feature
; LOCATION: (16)..(19)
; OTHER INFORMATION: 5-methyl-2'-dimethylaminoxyethoxy
US-10-123-597-15

Query Match          1.6%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 2.8e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 427 TTTTATTTTATTTT 445
Db 1 TTTTATTTTATTTT 19

RESULT 440
US-10-123-597-25
; Sequence 25, Application US/10123597
; Patent No. 6624294
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip D
; APPLICANT: Kawasaki, Andrew M
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Prakash, Thazha P
; APPLICANT: Fraser, Allister S
```



```
; TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
; FILE REFERENCE: ISIS040
; CURRENT APPLICATION NUMBER: US/10/123,597
; CURRENT FILING DATE: 2002-07-10
; PRIOR APPLICATION NUMBER: 09/227,782
; PRIOR FILING DATE: 1999-01-08
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 25
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic construct
; NAME/KEY: misc feature
; LOCATION: (15)-(18)
; OTHER INFORMATION: 2'-methyleneminoxyethoxy
US-10-123-597-25
```

Query Match 1.6%; Score 15.8; DB 1; Length 19;

Best Local Similarity 89.5%; Pred. No. 2.8e+02;

Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

```
QY 427 TTTTATTTTATTTT 445
Db 1 TTTTATTTTATTTT 19
```

RESULT 441

US-09-349-033A-1

; Sequence 1, Application US/09349033A

; Patent No. 6639061

; GENERAL INFORMATION:

; APPLICANT: Cook, Phillip Dan

; APPLICANT: Manoharan, Muthiah

; APPLICANT: Maier, Martin

; APPLICANT: An, Haoyun

; TITLE OF INVENTION: C3'-Methylene Hydrogen Phosphonate Oligomers and Related Compound

; FILE REFERENCE: ISIS-3312

; CURRENT APPLICATION NUMBER: US/09/349,033A

; CURRENT FILING DATE: 1999-07-07

; NUMBER OF SEQ ID NOS: 12

; SOFTWARE: PatentIn version 3.1

; SEQ ID NO 1

; LENGTH: 19

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Synthetic Oligonucleotide Sequence

US-09-349-033A-1

Query Match 1.6%; Score 15.8; DB 1; Length 19;

Best Local Similarity 89.5%; Pred. No. 2.8e+02;

Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

```
QY 427 TTTTATTTTATTTT 445
Db 1 TTTTATTTTATTTT 19
```

RESULT 442

US-09-435-806-6

; Sequence 6, Application US/09435806

; Patent No. 6653458

; GENERAL INFORMATION:

; APPLICANT: Manoharan, Muthiah

; APPLICANT: Cook, Phillip Dan

; APPLICANT: Guinoso, Charles J.

; TITLE OF INVENTION: MODIFIED OLIGONUCLEOTIDES

; FILE REFERENCE: ISIS-4289

; CURRENT APPLICATION NUMBER: US/09/435,806

; CURRENT FILING DATE: 1999-11-08

; PRIOR APPLICATION NUMBER: US 09/115,043

```
; PRIOR FILING DATE: 1998-07-14
; PRIOR APPLICATION NUMBER: US 08/602,862
; PRIOR FILING DATE: 1996-02-28
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 6
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic construct
US-09-435-806-6
```

Query Match 1.6%; Score 15.8; DB 1; Length 19;

Best Local Similarity 89.5%; Pred. No. 2.8e+02;

Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

```
QY 427 TTTTATTTTATTTT 445
Db 1 TTTTATTTTATTTT 19
```

RESULT 443

US-10-098-816-15

; Sequence 15, Application US/10098816

; Patent No. 6737520

; GENERAL INFORMATION:

; APPLICANT: Manoharan, Muthiah

; APPLICANT: Mohan, Venkaraman

; TITLE OF INVENTION: Oligonucleotides Having A DNA Form And B-DNA Form

; FILE REFERENCE: ISIS3310

; CURRENT APPLICATION NUMBER: US/10/098,816

; CURRENT FILING DATE: 2002-04-19

; PRIOR APPLICATION NUMBER: US/09/303,586

; PRIOR FILING DATE: 1999-05-03

; NUMBER OF SEQ ID NOS: 34

; SOFTWARE: PatentIn version 3.0

; SEQ ID NO 15

; LENGTH: 19

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; NAME/KEY: misc feature

; OTHER INFORMATION: Oligonucleotide

; FEATURE:

; NAME/KEY: misc feature

; LOCATION: (16)-(17) - O-MOE linkage

; OTHER INFORMATION: 3' - O-MOE linkage

; NAME/KEY: misc feature

; LOCATION: (17)-(18)

; OTHER INFORMATION: 3' - O-MOE linkage

; NAME/KEY: misc feature

; LOCATION: (18)-(19)

; OTHER INFORMATION: 3' - O-MOE linkage

US-10-098-816-15

Query Match 1.6%; Score 15.8; DB 1; Length 19;

Best Local Similarity 89.5%; Pred. No. 2.8e+02;

Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

```
QY 427 TTTTATTTTATTTT 445
Db 1 TTTTATTTTATTTT 19
```

RESULT 444

US-10-098-816-16

; Sequence 16, Application US/10098816

; Patent No. 6737520

; GENERAL INFORMATION:

```

/ APPLICANT: Manoharan, Muthiah
/ APPLICANT: Mohan, Venkatraman
/ TITLE OF INVENTION: Oligonucleotides Having A DNA Form And B-DNA Form
/ TITLE OF INVENTION: Confirmation Geometry
/ FILE REFERENCE: ISIS3310
/ CURRENT APPLICATION NUMBER: US/10/098,816
/ CURRENT FILING DATE: 2002-04-19
/ PRIOR APPLICATION NUMBER: US/09/303,586
/ PRIOR FILING DATE: 1999-05-03
/ NUMBER OF SEQ ID NOS: 34
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 16
/ LENGTH: 19
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ NAME/KEY: misc_feature
/ OTHER INFORMATION: Oligonucleotide
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: (16)..(17)
/ OTHER INFORMATION: 2' - O-MOE linkage
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: (17)..(18)
/ OTHER INFORMATION: 2' - O-MOE linkage
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: (18)..(19)
/ OTHER INFORMATION: 2' - O-MOE linkage
/ US-10-098-816-16

```

```

Query Match      1.6%; Score 15.8; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 2.8e+02;
Matches 16; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

Qy      427 TTTTATTTTATTTT 445
Db      1 TTTTATTTTATTTT 19

```

```

RESULT 445
US-10-098-816-17
/ Sequence 17, Application US/10098816
/ Patent No. 6737520
/ GENERAL INFORMATION:
/ APPLICANT: Manoharan, Muthiah
/ APPLICANT: Mohan, Venkatraman
/ TITLE OF INVENTION: Oligonucleotides Having A DNA Form And B-DNA Form
/ TITLE OF INVENTION: Confirmation Geometry
/ FILE REFERENCE: ISIS3310
/ CURRENT APPLICATION NUMBER: US/10/098,816
/ CURRENT FILING DATE: 2002-04-19
/ PRIOR APPLICATION NUMBER: US/09/303,586
/ PRIOR FILING DATE: 1999-05-03
/ NUMBER OF SEQ ID NOS: 34
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 17
/ LENGTH: 19
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ NAME/KEY: misc_feature
/ OTHER INFORMATION: Oligonucleotide
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: (15)..(16)
/ OTHER INFORMATION: 2' - O-MOE linkage
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: (16)..(17)
/ OTHER INFORMATION: 3' - O-MOE linkage; sub O linkage
/ FEATURE:

```

```

/ NAME/KEY: misc_feature
/ LOCATION: (17)..(18)
/ OTHER INFORMATION: 3' - O-MOE linkage; sub O linkage
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: (18)..(19)
/ OTHER INFORMATION: 3' - O-MOE linkage; sub O linkage
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: (19)..(19)
/ OTHER INFORMATION: 3' - O-MOE linkage
/ US-10-098-816-17

```

```

Query Match      1.6%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 2.8e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      427 TTTTATTTTATTTT 445
Db      1 TTTTATTTTATTTT 19

```

```

RESULT 446
US-10-098-816-18
/ Sequence 18, Application US/10098816
/ Patent No. 6737520
/ GENERAL INFORMATION:
/ APPLICANT: Manoharan, Muthiah
/ APPLICANT: Mohan, Venkatraman
/ TITLE OF INVENTION: Oligonucleotides Having A DNA Form And B-DNA Form
/ TITLE OF INVENTION: Confirmation Geometry
/ FILE REFERENCE: ISIS3310
/ CURRENT APPLICATION NUMBER: US/10/098,816
/ CURRENT FILING DATE: 2002-04-19
/ PRIOR APPLICATION NUMBER: US/09/303,586
/ PRIOR FILING DATE: 1999-05-03
/ NUMBER OF SEQ ID NOS: 34
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 18
/ LENGTH: 19
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ NAME/KEY: misc_feature
/ OTHER INFORMATION: Oligonucleotide
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: (15)..(16)
/ OTHER INFORMATION: sub O linkage
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: (16)..(17)
/ OTHER INFORMATION: 2' - O-MOE; sub O linkage
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: (17)..(18)
/ OTHER INFORMATION: 2' - O-MOE; sub O linkage
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: (18)..(19)
/ OTHER INFORMATION: 2' - O-MOE; sub O linkage
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: (19)..(19)
/ OTHER INFORMATION: 2' - O-MOE
/ US-10-098-816-18

```

```

Query Match      1.6%; Score 15.8; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 2.8e+02;
Matches 16; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

Qy      427 TTTTATTTTATTTT 445
Db      1 TTTTATTTTATTTT 19

```



```

; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: INTRACELLULAR ADHESION
; TITLE OF INVENTION: MOLECULE-1 (1-CAM-1)
; NUMBER OF SEQUENCES: 2390
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/292,620A
; FILING DATE: August 17, 1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA: including application
; PRIOR APPLICATION DATA: described below:
; APPLICATION NUMBER: 08/008,895
; FILING DATE: January 19, 1993
; APPLICATION NUMBER: 07/989,849
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 208/149
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 350:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-292-620A-350

Query Match 1.5%; Score 15; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 2.4e+02;
Matches 12; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY 725 CCTGAGTAGCTGGGA 739
DB 1 CCUGAGUGGUGGGA 15

RESULT 451
US-09-071-845-350
; Sequence 350, Application US/09071845
; Patent No. 6132967
; GENERAL INFORMATION:
; APPLICANT: Susan Grimm
; APPLICANT: Dan T. Stinchcomb
; APPLICANT: James McSwiggen
; APPLICANT: Sean Sullivan
; APPLICANT: Kenneth G. Draper
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: INTRACELLULAR ADHESION
; TITLE OF INVENTION: MOLECULE-1 (1-CAM-1)
; NUMBER OF SEQUENCES: 2390
; CORRESPONDENCE ADDRESS:

```

```

; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/071,845
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/292,620
; FILING DATE: August 17, 1994
; APPLICATION NUMBER: 08/008,895
; FILING DATE: January 19, 1993
; APPLICATION NUMBER: 07/989,849
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 208/149
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 350:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-09-071-845-350

Query Match 1.5%; Score 15; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 2.4e+02;
Matches 12; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY 725 CCTGAGTAGCTGGGA 739
DB 1 CCUGAGUGGUGGGA 15

RESULT 452
US-09-081-646-23
; Sequence 23, Application US/09081646
; Patent No. 6333152
; GENERAL INFORMATION:
; APPLICANT: Kinzler, Kenneth
; APPLICANT: Vogelstein, Bert
; APPLICANT: Zhang, Lin
; APPLICANT: Zhou, Wei
; TITLE OF INVENTION: Gene Expression Profiles in No. 6333152mal and
; TITLE OF INVENTION: Cancer Cells
; FILE REFERENCE: 01107.74664
; CURRENT APPLICATION NUMBER: US/09/081,646
; CURRENT FILING DATE: 1998-05-20
; EARLIER APPLICATION NUMBER: 60/047,352
; EARLIER FILING DATE: 1997-05-21
; NUMBER OF SEQ ID NOS: 871
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 23
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-081-646-23

```

Query Match 1.5%; Score 15; DB 1; Length 15;  
Best Local Similarity 100.0%; Pred. No. 2.4e+02;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 198 CATGTGGTCAGGCT 212  
DB 1 CATGTGGTCAGGCT 15

## RESULT 453

US-09-479-005A-185/C  
Sequence 185, Application US/09479005A  
Patent No. 6656731  
GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals, Inc.  
TITLE OF INVENTION: Nucleic Acid Catalysts with Endonuclease Activity  
FILE REFERENCE: MBH00-884-C  
CURRENT APPLICATION NUMBER: US/09/479,005A  
CURRENT FILING DATE: 2000-01-07  
PRIOR APPLICATION NUMBER: US 09/444,209  
PRIOR FILING DATE: 1999-11-19  
PRIOR APPLICATION NUMBER: US 09/159,274  
PRIOR FILING DATE: 1998-09-22  
PRIOR APPLICATION NUMBER: US 60/059,473  
PRIOR FILING DATE: 1997-09-22  
NUMBER OF SEQ ID NOS: 1208  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 185  
LENGTH: 16  
TYPE: RNA  
ORGANISM: Homo sapiens  
US-09-479-005A-185

Query Match 1.5%; Score 15; DB 1; Length 16;  
Best Local Similarity 100.0%; Pred. No. 2.7e+02;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 595 TTTTATTTTATTT 609  
DB 15 TTTTATTTTATTT 1

## RESULT 454

US-09-479-005A-268  
Sequence 268, Application US/09479005A  
Patent No. 6656731  
GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals, Inc.  
TITLE OF INVENTION: Nucleic Acid Catalysts with Endonuclease Activity  
FILE REFERENCE: MBH00-884-C  
CURRENT APPLICATION NUMBER: US/09/479,005A  
CURRENT FILING DATE: 2000-01-07  
PRIOR APPLICATION NUMBER: US 09/444,209  
PRIOR FILING DATE: 1999-11-19  
PRIOR APPLICATION NUMBER: US 09/159,274  
PRIOR FILING DATE: 1998-09-22  
PRIOR APPLICATION NUMBER: US 60/059,473  
PRIOR FILING DATE: 1997-09-22  
NUMBER OF SEQ ID NOS: 1208  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 268  
LENGTH: 16  
TYPE: RNA  
ORGANISM: Homo sapiens  
US-09-479-005A-268

Query Match 1.5%; Score 15; DB 1; Length 16;  
Best Local Similarity 33.3%; Pred. No. 2.7e+02;  
Matches 5; Conservative 10; Mismatches 0; Indels 0; Gaps 0;

QY 1066 CTAATTTTGTATTT 1080  
DB 2 CTAATTTTGTATTT 16

RESULT 455  
US-09-358-972-252/C  
Sequence 252, Application US/09358972  
Patent No. 6235480

GENERAL INFORMATION:  
APPLICANT: Shultz, John W.  
APPLICANT: Lewis, Martin K.  
APPLICANT: Liepe, Donna  
APPLICANT: Mandrekas, Michelle  
APPLICANT: Kephart, Daniel  
APPLICANT: Rhodes, Richard B.  
APPLICANT: Andrews, Christine A.  
APPLICANT: Hartnett, James R.  
APPLICANT: Olson, Ryan J.  
APPLICANT: Wood, Keith W.  
APPLICANT: Welch, Roy  
TITLE OF INVENTION: Nucleic Acid Detection  
FILE REFERENCE: Pro-103 6868/75528  
CURRENT APPLICATION NUMBER: US/09/358,972  
CURRENT FILING DATE: 1999-07-22  
PRIOR APPLICATION NUMBER: 09/252,436  
EARLIER FILING DATE: 1999-02-18  
EARLIER APPLICATION NUMBER: 09/042,287  
EARLIER FILING DATE: 1998-03-13  
NUMBER OF SEQ ID NOS: 290  
SOFTWARE: PatentIn Ver. 2.0  
SEQ ID NO 252  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: probe to Alu2  
US-09-358-972-252

Query Match 1.5%; Score 15; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 2.9e+02;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 635 CTCTGTACCCAGGC 649  
DB 15 CTCTGTACCCAGGC 1

RESULT 456  
US-09-383-316-88/C  
Sequence 88, Application US/09383316  
Patent No. 6391551

GENERAL INFORMATION:  
APPLICANT: Shultz, John W.  
APPLICANT: Lewis, Martin K.  
APPLICANT: Liepe, Donna  
APPLICANT: Mandrekas, Michelle  
APPLICANT: Kephart, Daniel  
APPLICANT: Rhodes, Richard B.  
APPLICANT: Andrews, Christine A.  
APPLICANT: Hartnett, James R.  
APPLICANT: Olson, Ryan J.  
APPLICANT: Wood, Keith W.  
APPLICANT: Welch, Roy  
TITLE OF INVENTION: Nucleic Acid Detection  
FILE REFERENCE: Pro-104 6868/75529  
CURRENT APPLICATION NUMBER: US/09/383,316  
CURRENT FILING DATE: 1999-08-25  
PRIOR APPLICATION NUMBER: 09/252,436  
PRIOR FILING DATE: 1999-02-18  
PRIOR APPLICATION NUMBER: 09/042,287  
PRIOR FILING DATE: 1998-03-13  
PRIOR APPLICATION NUMBER: 09/358,972

/ PRIOR FILING DATE: 1999-07-21  
/ NUMBER OF SEQ ID NOS: 123  
/ SOFTWARE: Patent Ver. 2.1  
/ SEQ ID NO: 88  
/ LENGTH: 17  
/ TYPE: DNA  
/ ORGANISM: Artificial Sequence  
/ FEATURE:  
/ OTHER INFORMATION: Description of Artificial Sequence:probe to Alu2  
US-09-383-316-88

Query Match 1.5%; Score 15; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 2.9e+02;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 635 CTCTGTCACCCAGGC 649  
DB 15 CTCTGTCACCCAGGC 1

RESULT 457  
US-09-790-417-252/C  
/ Sequence 252, Application US/09790417  
/ Patent No. 6730479  
/ GENERAL INFORMATION:  
/ APPLICANT: Shultz, John W.  
/ APPLICANT: Lewis, Martin K.  
/ APPLICANT: Lipepe, Donna  
/ APPLICANT: Mandrekar, Michelle  
/ APPLICANT: Kephart, Daniel  
/ APPLICANT: Rhodes, Richard B.  
/ APPLICANT: Andrews, Christine A.  
/ APPLICANT: Hartnett, James R.  
/ APPLICANT: Gu, Trent  
/ APPLICANT: Olson, Ryan J.  
/ APPLICANT: Wood, Keith W.  
/ APPLICANT: Welch, Roy  
/ TITLE OF INVENTION: Nucleic Acid Detection  
/ FILE REFERENCE: Pro-103 6868/75528  
/ CURRENT APPLICATION NUMBER: US/09790,417  
/ PRIOR FILING DATE: 2001-02-22  
/ PRIOR APPLICATION NUMBER: 09/358,972  
/ PRIOR FILING DATE: 1999-07-21  
/ PRIOR APPLICATION NUMBER: 09/042,287  
/ PRIOR FILING DATE: 1998-03-13  
/ NUMBER OF SEQ ID NOS: 290  
/ SOFTWARE: Patent Ver. 2.0  
/ SEQ ID NO: 252  
/ LENGTH: 17  
/ TYPE: DNA  
/ ORGANISM: Artificial Sequence  
/ FEATURE:  
/ OTHER INFORMATION: Description of Artificial Sequence:probe to Alu2  
US-09-790-417-252

Query Match 1.5%; Score 15; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 2.9e+02;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 635 CTCTGTCACCCAGGC 649  
DB 15 CTCTGTCACCCAGGC 1

RESULT 458  
US-09-630-706-92  
/ Sequence 92, Application US/09630706  
/ Patent No. 6277640  
/ GENERAL INFORMATION:  
/ APPLICANT: C. Frank Bennett  
/ APPLICANT: Lex M. Cowsett

/ TITLE OF INVENTION: ANTISENSE MODULATION OF HER-3 EXPRESSION  
/ FILE REFERENCE: RTS-0053  
/ CURRENT APPLICATION NUMBER: US/09/630,706  
/ CURRENT FILING DATE: 2000-08-01  
/ NUMBER OF SEQ ID NOS: 94  
/ SEQ ID NO: 92  
/ LENGTH: 18  
/ TYPE: DNA  
/ ORGANISM: Artificial Sequence  
/ FEATURE:  
/ OTHER INFORMATION: Antisense Oligonucleotide  
US-09-630-706-92

Query Match 1.5%; Score 15; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 3.1e+02;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1116 TGGTCTCAACTCCT 1130  
DB 1 TGGTCTCAACTCCT 15

RESULT 459  
PCT-US91-03680-74  
/ Sequence 74, Application PC/TUS9103680  
/ GENERAL INFORMATION:  
/ APPLICANT: Matteucci, Mark D.  
/ APPLICANT: Krawczyk, Steven  
/ TITLE OF INVENTION: SEQUENCE-SPECIFIC NONPHOTOACTIVATED  
/ TITLE OF INVENTION: CROSSLINKING AGENTS WHICH BIND TO THE MAJOR GROOVE OF  
/ NUMBER OF SEQUENCES: 158  
/ CORRESPONDENCE ADDRESS:  
/ ADDRESSEE: Morrison & Foerster  
/ STREET: 545 Middlefield Road, Suite 200  
/ CITY: Menlo Park  
/ STATE: California  
/ COUNTRY: USA  
/ ZIP: 94025  
/ COMPUTER READABLE FORM:  
/ MEDIUM TYPE: Floppy disk  
/ COMPUTER: IBM PC compatible  
/ OPERATING SYSTEM: PC-DOS/MS-DOS  
/ SOFTWARE: Patent Release #1.0, Version #1.25  
/ CURRENT APPLICATION DATA:  
/ APPLICATION NUMBER: PCT/US91/03680  
/ FILING DATE: 19910524  
/ CLASSIFICATION: 435  
/ ATTORNEY/AGENT INFORMATION:  
/ NAME: Murashige, Kate H.  
/ REGISTRATION NUMBER: 29,959  
/ REFERENCE/DOCKET NUMBER: 4610-0011.40  
/ TELECOMMUNICATION INFORMATION:  
/ TELEPHONE: 415-327-7250  
/ TELEFAX: 415-327-2951  
/ TELEX: 706141  
/ INFORMATION FOR SEQ ID NO: 74:  
/ SEQUENCE CHARACTERISTICS:  
/ LENGTH: 18 base pairs  
/ TYPE: NUCLEIC ACID  
/ STRANDEDNESS: single  
/ TOPOLOGY: linear  
/ FEATURE:  
/ NAME/KEY: modified\_base  
/ LOCATION: 5  
/ OTHER INFORMATION: /mod\_base= OTHER  
/ OTHER INFORMATION:  
/ FEATURE:  
/ NAME/KEY: modified\_base  
/ LOCATION: 18  
/ OTHER INFORMATION: /mod\_base= OTHER  
/ OTHER INFORMATION: /note= "N4,N4-ethanocytosine"  
PCT-US91-03680-74

Query Match 1.5%; Score 15; DB 1; Length 18;  
Best Local Similarity 88.2%; Pred. No. 3.1e+02;  
Matches 15; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

Qy 428 TTTTATTTATTTT 444  
|||||  
1 TTTTATTTT 17

Db 1 TTTTATTTT 17

RESULT 460  
US-08-063-167A-4/C  
; Sequence 4, Application US/08063167A  
; Patent No. 5514788  
; GENERAL INFORMATION:  
; APPLICANT: Bennett and Mirabelli  
; TITLE OF INVENTION: Oligonucleotide Modulation  
; TITLE OF INVENTION: of Cell Adhesion  
; NUMBER OF SEQUENCES: 85  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Woodland Falls Corporate Park  
; STREET: 210 Lake Drive East, Suite 201  
; CITY: Cherry Hill  
; STATE: NJ  
; COUNTRY: USA  
; ZIP: 08002  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE  
; COMPUTER: IBM PS/2  
; OPERATING SYSTEM: PC-DOS  
; SOFTWARE: WORDPERFECT 5.0  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/063,167A  
; FILING DATE: 19930517  
; CLASSIFICATION: 514  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 939,855  
; FILING DATE: September 2, 1992  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: PCT/US91/05209  
; FILING DATE: July 23, 1991  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 567,286  
; FILING DATE: August 14, 1990  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER:  
; FILING DATE:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Jane Massey Licata  
; REGISTRATION NUMBER: 32,257  
; REFERENCE/DOCKET NUMBER: ISPH-0002  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (215) 568-3100  
; TELEFAX: (215) 568-3439  
; INFORMATION FOR SEQ ID NO: 4:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 18  
; TYPE: Nucleic Acid  
; STRANDEDNESS: Single  
; TOPOLOGY: Linear  
; ANTI-SENSE: Yes  
; US-08-063-167A-4

Query Match 1.5%; Score 14.8; DB 1; Length 18;  
Best Local Similarity 88.9%; Pred. No. 3.2e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 533 TCTCTGCTGCTGCTC 550  
|||||  
18 TCTCTGCTGCTGCTC 1

Db 18 TCTCTGCTGCTGCTC 1

RESULT 461

US-08-007-997A-4/C

; Sequence 4, Application US/08007997A  
; Patent No. 5591623  
; GENERAL INFORMATION:  
; APPLICANT: Bennett and Mirabelli  
; TITLE OF INVENTION: Oligonucleotide Modulation  
; TITLE OF INVENTION: of Cell Adhesion  
; NUMBER OF SEQUENCES: 82  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Woodcock Washburn Kurtz  
; ADDRESS: Mackiewicz & No. 5591623-15  
; STREET: One Liberty Place - 46th Floor  
; CITY: Philadelphia  
; STATE: PA  
; COUNTRY: USA  
; ZIP: 19103

COMPUTER READABLE FORM:

MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE

COMPUTER: IBM PS/2

OPERATING SYSTEM: PC-DOS

SOFTWARE: WORDPERFECT 5.0

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/007,997A

FILING DATE: 19930121

CLASSIFICATION: 514

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 939,855

FILING DATE: September 2, 1992

PRIOR APPLICATION DATA:

APPLICATION NUMBER: PCT/US91/05209

FILING DATE: July 23, 1991

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 567,286

FILING DATE: August 14, 1990

ATTORNEY/AGENT INFORMATION:

NAME: Jane Massey Licata

REGISTRATION NUMBER: 32,257

REFERENCE/DOCKET NUMBER: ISIS-0709

TELECOMMUNICATION INFORMATION:

TELEPHONE: (215) 568-3100

TELEFAX: (215) 568-3439

INFORMATION FOR SEQ ID NO: 4:

SEQUENCE CHARACTERISTICS:

LENGTH: 18

TYPE: Nucleic Acid

STRANDEDNESS: Single

TOPOLOGY: Linear

ANTI-SENSE: Yes

US-08-007-997A-4

Query Match 1.5%; Score 14.8; DB 1; Length 18;  
Best Local Similarity 88.9%; Pred. No. 3.2e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 533 TCTCTGCTGCTGCTC 550  
|||||  
18 TCTCTGCTGCTGCTC 1

Db 18 TCTCTGCTGCTGCTC 1

RESULT 462  
US-08-621-914A-16  
; Sequence 16, Application US/08621914A  
; Patent No. 5707807  
; GENERAL INFORMATION:  
; APPLICANT: KATO, KIKUYA  
; TITLE OF INVENTION: MOLECULAR INDEXING FOR EXPRESSED GENE  
; NUMBER OF SEQUENCES: 16  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: PENNIE & EDMONDS  
; STREET: 1155 AVENUE OF THE AMERICAS  
; CITY: NEW YORK  
; STATE: NY

COUNTRY: USA  
ZIP: 10036-2711  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/06/621,914A  
FILING DATE: 26-MAR-1996  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: LAWRENCE III, STANTON T.  
REGISTRATION NUMBER: 25,736  
REFERENCE/DOCKET NUMBER: 7005-107-999  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (212) 790-9090  
TELEFAX: (212) 869-9741  
TELEX: 66141 PENNIE  
INFORMATION FOR SEQ ID NO: 16:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: unknown  
TOPOLOGY: unknown  
MOLECULE TYPE: other nucleic acid  
US-08-621-914A-16

Query Match 1.5%; Score 14.8; DB 1; Length 18;  
Best Local Similarity 88.9%; Pred. No. 3.2e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 428 TTTTATTTATTTT 445  
DB 1 TTTTATTTT 18

RESULT 463  
US-08-346-429-3/C  
Sequence 3, Application US/08346429  
Patent No. 5837820  
GENERAL INFORMATION:  
APPLICANT: Derose, Richard  
APPLICANT: Douce, Roland  
APPLICANT: Duval, Manuel  
APPLICANT: Job, Claudette  
APPLICANT: Job, Dominique  
TITLE OF INVENTION: PROTEIN CAPABLE OF BEING BIOTINYLATED WHICH CAN  
TITLE OF INVENTION: BE USED FOR DETERMINING THE GERMINATION STAGE OF  
TITLE OF INVENTION: A SEED  
NUMBER OF SEQUENCES: 7  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: SCULLY SCOTT MURPHY & PRESSER  
STREET: 400 Garden City Plaza  
City: Garden City  
STATE: New York  
COUNTRY: USA  
ZIP: 11530  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/346,429  
FILING DATE: 29-NOV-1994  
CLASSIFICATION: 530  
ATTORNEY/AGENT INFORMATION:  
NAME: DiGiilio, Frank S.  
REGISTRATION NUMBER: 31,346  
REFERENCE/DOCKET NUMBER: 9507  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 516-742-4343

TELEFAX: 516-742-4366  
TELEX: 230 901 SANS UR  
INFORMATION FOR SEQ ID NO: 3:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: double  
TOPOLOGY: linear  
MOLECULE TYPE: CDNA  
US-08-346-429-3

Query Match 1.5%; Score 14.8; DB 1; Length 18;  
Best Local Similarity 88.9%; Pred. No. 3.2e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 428 TTTTATTTATTTT 445  
DB 18 TTTTATTTT 1

RESULT 464  
US-08-440-740A-4/C  
Sequence 4, Application US/08440740A  
Patent No. 5843738  
GENERAL INFORMATION:  
APPLICANT: Bennett and Mirabeili  
TITLE OF INVENTION: Oligonucleotide Modulation  
NUMBER OF SEQUENCES: 85  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Law Offices of Jane Massey Licata  
STREET: 66 East Main Street  
City: Marlton  
STATE: NJ  
COUNTRY: USA  
ZIP: 08053  
COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE  
COMPUTER: IBM PS/2  
OPERATING SYSTEM: PC-DOS  
SOFTWARE: WORDPERFECT 5.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/440,740A  
FILING DATE: May 12, 1995  
CLASSIFICATION: 514  
Prior Application Data:  
APPLICATION NUMBER: 063,167  
FILING DATE: May 17, 1993  
Prior Application Data:  
APPLICATION NUMBER: 969,151  
FILING DATE: February 10, 1993  
Prior Application Data:  
APPLICATION NUMBER: 007,997  
FILING DATE: January 20, 1993  
Prior Application Data:  
APPLICATION NUMBER: 939,855  
FILING DATE: September 2, 1992  
Prior Application Data:  
APPLICATION NUMBER: 567,286  
FILING DATE: August 14, 1990  
ATTORNEY/AGENT INFORMATION:  
NAME: Jane Massey Licata  
REGISTRATION NUMBER: 32,257  
REFERENCE/DOCKET NUMBER: ISPH-0133  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (609) 779-2400  
TELEFAX: (609) 779-8488  
INFORMATION FOR SEQ ID NO: 4:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear



ANTI-SENSE: Yes  
US-08-440-740A-4

Query Match 1.5%; Score 14.8; DB 1; Length 18;  
Best Local Similarity 88.9%; Pred. No. 3.2e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 533 TCCTCTGCTCAGCCTC 550  
Db 18 TCCTCCACCTCAGCCTC 1

RESULT 465  
US-08-358-556A-12  
Sequence 12, Application US/08358556A  
Patent No. 5869643  
GENERAL INFORMATION:  
APPLICANT: Chatelein, Francois  
TITLE OF INVENTION: Process for Preparing Polynucleotides on  
TITLE OF INVENTION: a Solid Support and Apparatus Permitting its  
NUMBER OF SEQUENCES: 31  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Jacobson, Price, Holman & Stern  
STREET: 400 Seventh St. N.W.  
CITY: Washington D.C.  
COUNTRY: U.S.A.  
ZIP: 20004  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent in Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/358,556A  
CLASSIFICATION: 536  
FILING DATE: 14-DEC-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: FR 9315164  
FILING DATE: 16-DEC-1993  
ATTORNEY/AGENT INFORMATION:  
NAME: Player, William E.  
REGISTRATION NUMBER: 31,409  
REFERENCE/DOCKET NUMBER: 10577/P58418  
TELEPHONE: (202) 638-6666  
TELEFAX: (202) 393-5350  
TELEX: RCA 248593 IDEA UR  
INFORMATION FOR SEQ ID NO: 12:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
HYPOTHEICAL: NO  
ANTI-SENSE: NO  
FRAGMENT TYPE: N-terminal  
FEATURE:  
NAME/KEY: CDS  
LOCATION: 1..18  
US-08-358-556A-12  
Query Match 1.5%; Score 14.8; DB 1; Length 18;  
Best Local Similarity 88.9%; Pred. No. 3.2e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 428 TTTTATTTATTTT 445  
Db 1 TTTTATTTT 18

RESULT 466  
US-08-358-556A-18/C  
Sequence 18, Application US/08358556A  
Patent No. 5869643  
GENERAL INFORMATION:  
APPLICANT: Chatelein, Francois  
TITLE OF INVENTION: Process for Preparing Polynucleotides on  
TITLE OF INVENTION: a Solid Support and Apparatus Permitting its  
NUMBER OF SEQUENCES: 31  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Jacobson, Price, Holman & Stern  
STREET: 400 Seventh St. N.W.  
CITY: Washington D.C.  
COUNTRY: U.S.A.  
ZIP: 20004  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent in Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/358,556A  
CLASSIFICATION: 536  
FILING DATE: 14-DEC-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: FR 9315164  
FILING DATE: 16-DEC-1993  
ATTORNEY/AGENT INFORMATION:  
NAME: Player, William E.  
REGISTRATION NUMBER: 31,409  
REFERENCE/DOCKET NUMBER: 10577/P58418  
TELEPHONE: (202) 638-6666  
TELEFAX: (202) 393-5350  
TELEX: RCA 248593 IDEA UR  
INFORMATION FOR SEQ ID NO: 18:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
HYPOTHEICAL: NO  
ANTI-SENSE: NO  
FRAGMENT TYPE: N-terminal  
FEATURE:  
NAME/KEY: CDS  
LOCATION: 1..18  
US-08-358-556A-18  
Query Match 1.5%; Score 14.8; DB 1; Length 18;  
Best Local Similarity 88.9%; Pred. No. 3.2e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 428 TTTTATTTATTTT 445  
Db 18 TTTTATTTT 1

RESULT 467  
US-08-469-852A-4  
Sequence 4, Application US/08469852A  
Patent No. 5874213  
GENERAL INFORMATION:  
APPLICANT: Cummins, Lendell L.  
APPLICANT: Freiler, Susan M.  
APPLICANT: Grifley, Richard  
APPLICANT: Srivastava, Susan G.  
TITLE OF INVENTION: Capillary Electrophoretic Detection of  
TITLE OF INVENTION: Nucleic Acids  
NUMBER OF SEQUENCES: 4

CORRESPONDENCE ADDRESS:  
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 5874213rls LLP  
STREET: One Liberty Place - 46th Floor  
CITY: Philadelphia  
STATE: PA  
COUNTRY: U.S.A.  
ZIP: 19103  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5 inch disk, 1.44 MB  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: WordPerfect 6.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/469,852A  
FILING DATE: 06-JUN-1995  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/295,509  
FILING DATE: 24-AUG-1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Michael P. Straher  
REGISTRATION NUMBER: 38,325  
REFERENCE/DOCKET NUMBER: ISIS-2015  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 215-568-3100  
TELEFAX: 215-568-3439  
INFORMATION FOR SEQ ID NO: 4:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 bases  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-469-852A-4

Query Match 1.5%; Score 14.8; DB 1; Length 18;  
Best Local Similarity 88.9%; Pred. No. 3.2e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 428 TTTTATTTATTTT 445  
DB 1 TTTTATTTT 18

RESULT 468  
US-08-344-155C-4/C  
Sequence 4, Application US/08344155C  
Patent No. 5883082  
GENERAL INFORMATION:  
APPLICANT: Bennett and Stepkowski  
TITLE OF INVENTION: Compositions and Methods for Preventing  
TITLE OF INVENTION: and Treating Allergenic Rejection  
NUMBER OF SEQUENCES: 99  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Woodland Falls Corporate Park  
STREET: 210 Lake Drive East, Suite 201  
CITY: Chertsey Hill  
STATE: NJ  
COUNTRY: USA  
ZIP: 08002  
COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE  
COMPUTER: IBM PS/2  
OPERATING SYSTEM: PC-DOS  
SOFTWARE: WORDPERFECT 5.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/344,155C  
FILING DATE: No. 5883082ember 23, 1994  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 939,855  
FILING DATE: September 2, 1992  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: PCT/US91/05209

FILING DATE: July 23, 1991  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/063,167  
FILING DATE: 5/17/93  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/007,997  
FILING DATE: 1/21/93  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/939,855  
FILING DATE: 9/2/92  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/567,286  
FILING DATE: 8/14/90  
ATTORNEY/AGENT INFORMATION:  
NAME: Jane Massey Licata  
REGISTRATION NUMBER: 32,257  
REFERENCE/DOCKET NUMBER: ISPH-0098  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (609) 779-2400  
TELEFAX: (609) 779-8488  
INFORMATION FOR SEQ ID NO: 4:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: linear  
ANTI-SENSE: Yes  
US-08-344-155C-4

Query Match 1.5%; Score 14.8; DB 1; Length 18;  
Best Local Similarity 88.9%; Pred. No. 3.2e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 533 TCCTCCTGCTCAGCCTC 550  
DB 18 TCCTCCTCAGCCTC 1

RESULT 469  
US-08-403-888A-120/C  
Sequence 120, Application US/08403888A  
Patent No. 5952490  
GENERAL INFORMATION:  
APPLICANT: Hanecak et al.  
TITLE OF INVENTION: Oligonucleotides Having A Conserved G4 Core  
TITLE OF INVENTION: Sequence  
NUMBER OF SEQUENCES: 146  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 5952490rls LLP  
STREET: One Liberty Place - 46th Floor  
CITY: Philadelphia  
STATE: PA  
COUNTRY: U.S.A.  
ZIP: 19103  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5 inch disk, 1.44 MB  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: WordPerfect 6.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/403,888A  
FILING DATE: 12-JUN-1995  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/954,185  
FILING DATE: 29-SEP-1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Paul K. Legard  
REGISTRATION NUMBER: 38,534  
REFERENCE/DOCKET NUMBER: ISIS-1229  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 215-568-3100  
TELEFAX: 215-568-3439

INFORMATION FOR SEQ ID NO: 120:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-403-888A-120

Query Match 1.5%; Score 14.8; DB 1; Length 18;  
Best Local Similarity 88.9%; Pred. No. 3.2e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 533 TCCTCTGCTGCTGCTC 550  
DB 18 TCCTCCACCTGAGCCTC 1

RESULT 470  
US-08-982-845B-4/C  
Sequence 4, Application US/08982845B  
Patent No. 6015894  
GENERAL INFORMATION:  
APPLICANT: Bennett and Mirabelli;  
TITLE OF INVENTION: Oligonucleotide Modulation  
NUMBER OF SEQUENCES: 87  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Law Offices of Jane Massey Licata  
STREET: 66 East Main Street  
CITY: Matilton  
STATE: NJ  
COUNTRY: USA  
ZIP: 08053  
COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE  
COMPUTER: IBM PS/2  
OPERATING SYSTEM: Windows 95  
SOFTWARE: WORDPERFECT 6.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/982,845B  
FILING DATE: December 2, 1997  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/440,740  
FILING DATE: May 12, 1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 063,167  
FILING DATE: May 17, 1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 969,151  
FILING DATE: February 10, 1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 007,997  
FILING DATE: January 21, 1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 939,855  
FILING DATE: September 2, 1992  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 567,286  
FILING DATE: August 14, 1990  
ATTORNEY/AGENT INFORMATION:  
NAME: Jane Massey Licata  
REGISTRATION NUMBER: 32,257  
REFERENCE/DOCKET NUMBER: ISPH-0243  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (609) 779-2400  
TELEFAX: (609) 779-8488  
INFORMATION FOR SEQ ID NO: 4:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear

ANTI-SENSE: Yes  
US-08-982-845B-4

Query Match 1.5%; Score 14.8; DB 1; Length 18;  
Best Local Similarity 88.9%; Pred. No. 3.2e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 533 TCCTCTGCTGCTGCTC 550  
DB 18 TCCTCCACCTGAGCCTC 1

RESULT 471  
US-08-295-509B-4  
Sequence 9, Application US/08295509B  
Patent No. 6045995  
GENERAL INFORMATION:  
APPLICANT: Cumming, Lendell L.  
APPLICANT: Freier, Susan M.  
APPLICANT: Griffee, Richard  
APPLICANT: Sivatsa, Susan G.  
TITLE OF INVENTION: Capillary Electrophoretic Detection of  
NUMBER OF SEQUENCES: 4  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz and No. 6045995r1s  
STREET: One Liberty Place - 46th Floor  
CITY: Philadelphia  
STATE: PA  
COUNTRY: U.S.A.  
ZIP: 19103  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5 inch disk, 1.44 MB  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Wordperfect 6.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/295,509B  
FILING DATE: 24-AUG-1994  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Michael P. Straher  
REGISTRATION NUMBER: 38,325  
REFERENCE/DOCKET NUMBER: ISIS-1395  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 215-568-3100  
TELEFAX: 215-568-3439  
INFORMATION FOR SEQ ID NO: 4:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 bases  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-295-509B-4

Query Match 1.5%; Score 14.8; DB 1; Length 18;  
Best Local Similarity 88.9%; Pred. No. 3.2e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 428 TTTTATTTTATTTT 445  
DB 1 TTTTATTTTATTTT 18

RESULT 472  
US-08-884-029-9  
Sequence 9, Application US/08884029  
Patent No. 6071745  
GENERAL INFORMATION:  
APPLICANT: Lin, Chung-I Patsy  
APPLICANT: Wallace, Robert Bruce  
APPLICANT: Cosman, Jeffrey  
APPLICANT: French, Cynthia

TITLE OF INVENTION: Lyophilization of Cultured Human Cells  
TITLE OF INVENTION: to Preserve RNA and DNA  
NUMBER OF SEQUENCES: 9  
CORRESPONDENCE ADDRESS:  
ADDRESSES: Townsend and Townsend and Crew LLP  
STREET: Two Embarcadero Center, Eighth Floor  
CITY: San Francisco  
STATE: California  
COUNTRY: USA  
ZIP: 94111-3834  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/884,029  
FILING DATE: 27-JUN-1997  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Parent, Annette S.  
REGISTRATION NUMBER: 42,058  
REFERENCE/DOCKET NUMBER: 02550B-059100US  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 576-0200  
TELEFAX: (415) 576-0300  
INFORMATION FOR SEQ ID NO: 9:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
FEATURE:  
NAME/KEY: modified\_base  
LOCATION: 13..18  
OTHER INFORMATION: /mod\_base= OTHER  
OTHER INFORMATION: /note= "c at positions 13-18 may be  
OTHER INFORMATION: present or absent"  
US-08-884-029-9  
Query Match 1.5%; Score 14.8; DB 1; Length 18;  
Best Local Similarity 88.9%; Pred. No. 3.2e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 428 TTTTATTTATTTT 445  
DB 1 TTTTATTTT 18  
RESULT 473  
US-08-991-525B-4/C  
Sequence 4, Application US/08991525B  
Patent No. 6093811  
GENERAL INFORMATION:  
APPLICANT: Bennett and Mirabelli  
TITLE OF INVENTION: Oligonucleotide Modulation  
TITLE OF INVENTION: of Cell Adhesion  
NUMBER OF SEQUENCES: 87  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Law Offices of Jane Massey Licata  
STREET: 66 East Main Street  
CITY: Marlton  
STATE: NJ  
COUNTRY: USA  
ZIP: 08053  
COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
COMPUTER: IBM PS/2  
OPERATING SYSTEM: Windows 95  
SOFTWARE: WORDPERFECT 6.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/991,525B

FILING DATE: December 16, 1997  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 440,740  
FILING DATE: May 12, 1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 063,167  
FILING DATE: May 17, 1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 969,151  
FILING DATE: February 10, 1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 007,997  
FILING DATE: January 21, 1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 939,855  
FILING DATE: September 2, 1992  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 567,286  
FILING DATE: August 14, 1990  
ATTORNEY/AGENT INFORMATION:  
NAME: Jane Massey Licata  
REGISTRATION NUMBER: 32,257  
REFERENCE/DOCKET NUMBER: 1SPH-0247  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (856) 810-1515  
TELEFAX: (856) 810-1454  
INFORMATION FOR SEQ ID NO: 4:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: linear  
ANTI-SENSE: Yes  
US-08-991-525B-4  
Query Match 1.5%; Score 14.8; DB 1; Length 18;  
Best Local Similarity 88.9%; Pred. No. 3.2e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 533 TCCTCTGCTCAGCCTC 550  
DB 18 TCCTCTCAGCTCAGCCTC 1  
RESULT 474  
US-09-085-759-4/C  
Sequence 4, Application US/09085759  
Patent No. 6096722  
GENERAL INFORMATION:  
APPLICANT: C. Frank Bennett, Christopher Mirabelli,  
Brenda Baker  
TITLE OF INVENTION: Antisense Modulation of Cell Adhesion  
TITLE OF INVENTION: Molecule Expression and Treatment of Cell Adhesion  
TITLE OF INVENTION: Molecule-Associated Diseases  
NUMBER OF SEQUENCES: 109  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Law Offices of Jane Massey Licata  
STREET: 66 East Main Street  
CITY: Marlton  
STATE: NJ  
COUNTRY: USA  
ZIP: 08053  
COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
COMPUTER: IBM PS/2  
OPERATING SYSTEM: PC-DOS  
SOFTWARE: WORDPERFECT 5.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/085,759  
FILING DATE: herewith  
CLASSIFICATION:  
PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/440,740  
FILING DATE: May 12, 1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 063,167  
FILING DATE: May 17, 1993  
PRIOR APPLICATION DATA: 969,151  
FILING DATE: February 10, 1993  
PRIOR APPLICATION DATA:  
FILING DATE: January 20, 1993  
APPLICATION NUMBER: 939,855  
FILING DATE: September 2, 1992  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 567,286  
FILING DATE: August 14, 1990  
ATTORNEY/AGENT INFORMATION:  
NAME: Jane Massey Licata  
REGISTRATION NUMBER: 32,257  
REFERENCE/DOCKET NUMBER: ISPH-0311  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (609) 779-2400  
TELEFAX: (609) 779-8488  
INFORMATION FOR SEQ ID NO: 4:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
ANTI-SENSE: Yes  
US-09-085-759-4

Query Match 1.5%; Score 14.8; DB 1; Length 18;  
Best Local Similarity 88.9%; Pred. No. 3.2e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 533 TCCTCTGCTCTGAGCCTC 550  
Db 18 TCCTCCACCTCAGCCTC 1

RESULT 475  
US-08-941-445A-30/C  
Sequence 30, Application US/08941445A  
Patent No. 6107060  
GENERAL INFORMATION:  
APPLICANT: Keeling, Peter  
TITLE OF INVENTION: Starch Encapsulation  
NUMBER OF SEQUENCES: 37  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Greenlee, Winner and Sullivan, P.C.  
STREET: 5370 Manhattan Circle  
CITY: Boulder  
STATE: CO  
COUNTRY: US  
ZIP: 80303  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/941,445A  
FILING DATE: 30-SEP-1997  
CLASSIFICATION: 800  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 60/026,855  
FILING DATE: 30-SEP-1996  
ATTORNEY/AGENT INFORMATION:  
NAME: Winner, Ellen P  
REGISTRATION NUMBER: 28,547

REFERENCE/DOCKET NUMBER: 89-97  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (303) 499-8080  
TELEFAX: (303) 499-8089  
INFORMATION FOR SEQ ID NO: 30:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: double  
TOPOLOGY: not relevant  
MOLECULE TYPE: cDNA to mRNA  
HYPOTHETICAL: NO  
US-08-941-445A-30

Query Match 1.5%; Score 14.8; DB 1; Length 18;  
Best Local Similarity 88.9%; Pred. No. 3.2e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 428 TTTTATTATTATTTT 445  
Db 18 TTTTATTTTATTTT 1

RESULT 476  
US-09-128-496-4/C  
Sequence 4, Application US/09128496  
Patent No. 6169079  
GENERAL INFORMATION:  
APPLICANT: Bennett and Mirabelli  
TITLE OF INVENTION: Oligonucleotide Modulation  
TITLE OF INVENTION: of Cell Adhesion  
NUMBER OF SEQUENCES: 85  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Law Offices of Jane Massey Licata  
STREET: 66 East Main Street  
CITY: Marlton  
STATE: NJ  
COUNTRY: USA  
ZIP: 08053  
COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE  
COMPUTER: IBM PS/2  
OPERATING SYSTEM: PC-DOS  
SOFTWARE: WORDPERFECT 5.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/128,496  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/440,740  
FILING DATE:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 969,151  
FILING DATE: February 10, 1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 007,997  
FILING DATE: January 20, 1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 939,855  
FILING DATE: September 2, 1992  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 567,286  
FILING DATE: August 14, 1990  
ATTORNEY/AGENT INFORMATION:  
NAME: Jane Massey Licata  
REGISTRATION NUMBER: 32,257  
REFERENCE/DOCKET NUMBER: ISPH-0133  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (609) 779-2400  
TELEFAX: (609) 779-8488  
INFORMATION FOR SEQ ID NO: 4:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18

TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
ANTI-SENSE: Yes  
US-09-128-496-4

Query Match 1.5%; Score 14.8; DB 1; Length 18;  
Best Local Similarity 88.9%; Pred. No. 3.2e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 533 TCCTCTGCTCAGCCTC 550  
DB 18 TCTCCACCTCAGCCTC 1

RESULT 477  
US-09-018-584A-146/c  
Sequence 146, Application US/09018584A  
Patent No. 6238863  
GENERAL INFORMATION:  
APPLICANT: Schumm, James W.  
TITLE OF INVENTION: MATERIALS AND METHODS FOR  
TITLE OF INVENTION: IDENTIFYING AND ANALYZING INTERMEDIATE TANDEM  
TITLE OF INVENTION: REPEAT DNA MARKERS  
NUMBER OF SEQUENCES: 147  
CORRESPONDENCE ADDRESS:  
ADDRESSER: Promega Corporation  
STREET: 2800 Woods Hollow Road  
CITY: Madison  
STATE: Wisconsin  
COUNTRY: U.S.A.  
ZIP: 53711-5399  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette - 3.5 inch, 1.44 Mb  
COMPUTER: IBM compatible PC  
OPERATING SYSTEM: Windows 95  
SOFTWARE: Word 97 (DOS text format)  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/018,584A  
FILING DATE: 04-Feb-1998  
CLASSIFICATION:  
ATTORNEY/AGENT INFORMATION:  
NAME: Grady J. Frenchick  
REGISTRATION NUMBER: 29,018  
REFERENCE/DOCKET NUMBER: 16026.9180  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (608) 257-3501  
TELEFAX: (608) 257-2275  
INFORMATION FOR SEQ ID NO: 146:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
US-09-018-584A-146

Query Match 1.5%; Score 14.8; DB 1; Length 18;  
Best Local Similarity 88.9%; Pred. No. 3.2e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 636 TCTGTACCCAGGCTGA 653  
DB 18 TTTGTACCCAGGCTGA 1

RESULT 478  
US-09-009-490A-4/c  
Sequence 4, Application US/09009490A  
Patent No. 6300491  
GENERAL INFORMATION:  
APPLICANT: Bennett and Mirabelli  
TITLE OF INVENTION: Oligonucleotide Modulation

TITLE OF INVENTION: of Cell Adhesion  
NUMBER OF SEQUENCES: 95  
CORRESPONDENCE ADDRESS:  
ADDRESSER: Law Office of Jane Massey Licata  
STREET: 66 East Main Street  
CITY: Marlton  
STATE: NJ  
COUNTRY: USA  
ZIP: 08053  
COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE  
COMPUTER: IBM PS/2  
OPERATING SYSTEM: Windows 95  
SOFTWARE: WORDPERFECT 6.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/009,490A  
FILING DATE: January 20, 1998  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 440,740  
FILING DATE: May 12, 1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 063,167  
FILING DATE: May 17, 1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 969,151  
FILING DATE: February 10, 1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 007,997  
FILING DATE: January 20, 1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 939,855  
FILING DATE: September 2, 1992  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 567,286  
FILING DATE: August 14, 1990  
ATTORNEY/AGENT INFORMATION:  
NAME: Jane Massey Licata  
REGISTRATION NUMBER: 32,257  
REFERENCE/DOCKET NUMBER: 1SPH-0268  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (609) 810-1515  
TELEFAX: (609) 810-1454  
INFORMATION FOR SEQ ID NO: 4:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
ANTI-SENSE: Yes  
US-09-009-490A-4

Query Match 1.5%; Score 14.8; DB 1; Length 18;  
Best Local Similarity 88.9%; Pred. No. 3.2e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 533 TCCTCTGCTCAGCCTC 550  
DB 18 TCTCCACCTCAGCCTC 1

RESULT 479  
US-09-545-225-9  
Sequence 9, Application US/09545225  
Patent No. 6410321  
GENERAL INFORMATION:  
APPLICANT: Lin, Ching-I Patsy  
Wallace, Robert Bruce  
Cosman, Jeffrey  
French, Cynthia  
TITLE OF INVENTION: Lyophilization of Cultured Human Cells  
to Preserve RNA and DNA  
NUMBER OF SEQUENCES: 9

CORRESPONDENCE ADDRESS:  
ADDRESSEE: Townsend and Townsend and Crew LLP  
STREET: Two Embarcadero Center, Eighth Floor  
CITY: San Francisco  
STATE: California  
COUNTRY: USA  
ZIP: 94111-3834

COMPUTER READABLE FORM:  
MEDIUM TYPE: floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/545,225  
FILING DATE: 07-Apr-2000  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/884,029  
FILING DATE: 27-JUN-1997

ATTORNEY/AGENT INFORMATION:  
NAME: Parent, Annette S.  
REGISTRATION NUMBER: 42,058  
REFERENCE/DOCKET NUMBER: 02558B-059100US  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 576-0200  
TELEFAX: (415) 576-0300

INFORMATION FOR SEQ ID NO: 9:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA

FEATURE:  
NAME/KEY: modified\_base  
LOCATION: 13..18  
OTHER INFORMATION: /mod\_base= OTHER  
/note= "t at positions 13-18 may be present or absent"

SEQUENCE DESCRIPTION: SEQ ID NO: 9:  
US-09-545-225-9

Query Match 1.5%; Score 14.8; DB 1; Length 18;  
Best Local Similarity 88.9%; Pred. No. 3.2e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 428 TTTTATTATTATTTT 445  
Db 1 TTTTATTTTATTTT 18

RESULT 480  
US-09-619-103-24/C  
Sequence 24, Application US/09619103  
Patent No. 6429300  
GENERAL INFORMATION:  
APPLICANT: Kurtz, Markus  
APPLICANT: Lohse, Peter  
APPLICANT: Wagner, Richard  
TITLE OF INVENTION: Peptide Acceptor Ligation Methods  
FILE REFERENCE: 50036/031002  
CURRENT APPLICATION NUMBER: US/09/619,103  
CURRENT FILING DATE: 2000-07-19  
PRIOR APPLICATION NUMBER: 60/145,834  
PRIOR FILING DATE: 1999-07-27  
NUMBER OF SEQ ID NOS: 26  
SOFTWARE: FastSeq for Windows Version 4.0  
SEQ ID NO 24  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: designed sequence for nucleic acid purification

US-09-619-103-24

Query Match 1.5%; Score 14.8; DB 1; Length 18;  
Best Local Similarity 88.9%; Pred. No. 3.2e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 428 TTTTATTATTATTTT 445  
Db 18 TTTTATTTTATTTT 1

RESULT 481  
US-09-370-541-14  
Sequence 14, Application US/09370541  
Patent No. 6639062  
GENERAL INFORMATION:  
APPLICANT: Manoharan, Muthiah  
APPLICANT: Cook, Phillip Dan  
APPLICANT: Prakash, Thazha P  
APPLICANT: Kawasaki, Andrew M  
TITLE OF INVENTION: Aminoxy-Modified Nucleosidic Compounds And Oligomeric  
FILE REFERENCE: ISI83993  
CURRENT APPLICATION NUMBER: US/09/370,541  
CURRENT FILING DATE: 1999-08-09  
EARLIER APPLICATION NUMBER: 09/130,973  
EARLIER FILING DATE: 1998-08-07  
EARLIER APPLICATION NUMBER: 09/016,520  
EARLIER FILING DATE: 1998-01-30  
EARLIER APPLICATION NUMBER: 60/037,143  
EARLIER FILING DATE: 1997-02-14  
EARLIER APPLICATION NUMBER: 09/344,260  
EARLIER FILING DATE: 1999-06-25  
NUMBER OF SEQ ID NOS: 21  
SOFTWARE: PatentIn Ver. 2.0  
SEQ ID NO 14  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: antisense  
OTHER INFORMATION: sequence  
US-09-370-541-14

Query Match 1.5%; Score 14.8; DB 1; Length 18;  
Best Local Similarity 88.9%; Pred. No. 3.2e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 428 TTTTATTATTATTTT 445  
Db 1 TTTTATTTTATTTT 18

RESULT 482  
US-10-125-295-9  
Sequence 9, Application US/10125295  
Patent No. 6686460  
GENERAL INFORMATION:  
APPLICANT: Lin, Ching-I Patsy  
APPLICANT: Wallace, Robert Bruce  
APPLICANT: Cosman, Jeffrey  
APPLICANT: French, Cynthia  
TITLE OF INVENTION: Lyophilization of Cultured Human Cells  
to Preserve RNA and DNA  
NUMBER OF SEQUENCES: 9  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Townsend and Townsend and Crew LLP  
STREET: Two Embarcadero Center, Eighth Floor  
CITY: San Francisco  
STATE: California  
COUNTRY: USA  
ZIP: 94111-3834  
COMPUTER READABLE FORM:

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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
  APPLICATION NUMBER: US/10/125,295
  FILING DATE: 17-Apr-2002
  CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
  APPLICATION NUMBER: US/09/545,225
  FILING DATE: 07-Apr-2000
  APPLICATION NUMBER: US 08/884,029
  FILING DATE: 27-JUN-1997
ATTORNEY/AGENT INFORMATION:
  NAME: Parent, Annette S.
  REGISTRATION NUMBER: 42,058
REFERENCE/DOCKET NUMBER: 02558B-059100US
TELECOMMUNICATION INFORMATION:
  TELEPHONE: (415) 576-0200
  TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 9:
  SEQUENCE CHARACTERISTICS:
    LENGTH: 18 base pairs
    TYPE: nucleic acid
    STRANDEDNESS: single
    TOPOLOGY: linear
  MOLECULE TYPE: DNA
  FEATURE:
    NAME/KEY: modified_base
    LOCATION: 13..18
    OTHER INFORMATION: /mod_base= OTHER
    /note= "c at positions 13-18 may be
    present or absent"
SEQUENCE DESCRIPTION: SEQ ID NO: 9:
US-10-125-295-9

Query Match
Best Local Similarity 88.9%; Pred. No. 3.2e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 428 TTTTATTTTATTTT 445
DB 1 TTTTATTTTATTTT 18

RESULT 483
US-09-803-263-6/c
Sequence 6, Application US/09803263
Patent No. 6706476
GENERAL INFORMATION:
  APPLICANT: Thirstrup, Kenneth
  TITLE OF INVENTION: A Process for Amplifying and Labeling Single Stranded cDNA by 5'
  FILE REFERENCE: 674513-2003.1
  CURRENT APPLICATION NUMBER: US/09/803,263
  CURRENT FILING DATE: 2001-03-09
  NUMBER OF SEQ ID NOS: 19
  SOFTWARE: Patent version 3.0
  SEQ ID NO 6
  LENGTH: 18
  TYPE: DNA
  ORGANISM: Artificial Sequence
  FEATURE:
    OTHER INFORMATION: Poly-a tail
US-09-803-263-6

Query Match
Best Local Similarity 88.9%; Pred. No. 3.2e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 428 TTTTATTTTATTTT 445
DB 18 TTTTATTTTATTTT 1
```

```

RESULT 484
US-09-803-263-7
Sequence 7, Application US/09803263
Patent No. 6706476
GENERAL INFORMATION:
  APPLICANT: Thirstrup, Kenneth
  TITLE OF INVENTION: A Process for Amplifying and Labeling Single Stranded cDNA by 5'
  FILE REFERENCE: 674513-2003.1
  CURRENT APPLICATION NUMBER: US/09/803,263
  CURRENT FILING DATE: 2001-03-09
  NUMBER OF SEQ ID NOS: 19
  SOFTWARE: Patent version 3.0
  SEQ ID NO 7
  LENGTH: 18
  TYPE: DNA
  ORGANISM: Artificial Sequence
  FEATURE:
    OTHER INFORMATION: Complement of poly-a tail
US-09-803-263-7

Query Match
Best Local Similarity 88.9%; Pred. No. 3.2e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 428 TTTTATTTTATTTT 445
DB 1 TTTTATTTTATTTT 18

RESULT 485
US-09-784-423-146/c
Sequence 146, Application US/09784423
Patent No. 6767703
GENERAL INFORMATION:
  APPLICANT: Bachur, James W.
  TITLE OF INVENTION: MATERIALS AND METHODS FOR
  IDENTIFYING AND ANALYZING INTERMEDIATE TANDEM
  REPEAT DNA MARKERS
  NUMBER OF SEQUENCES: 147
  CORRESPONDENCE ADDRESS:
    ADDRESSER: Promega Corporation
    STREET: 2800 Woods Hollow Road
    CITY: Madison
    STATE: Wisconsin
    COUNTRY: U.S.A.
    ZIP: 53711-5399
  COMPUTER READABLE FORM:
    MEDIUM TYPE: Diskette - 3.5 inch, 1.44 MB
    COMPUTER: IBM compatible PC
    OPERATING SYSTEM: Windows 95
    SOFTWARE: Word 97 (DOS text format)
  CURRENT APPLICATION DATA:
    APPLICATION NUMBER: US/09/784,423
    FILING DATE: 15-Feb-2001
    CLASSIFICATION: <Unknown>
  PRIOR APPLICATION DATA:
    APPLICATION NUMBER: 09/018,584
    FILING DATE: 04-Feb-1998
  ATTORNEY/AGENT INFORMATION:
    NAME: Grady J. Frenchick
    REGISTRATION NUMBER: 29,018
    REFERENCE/DOCKET NUMBER: 16026.9180
  TELECOMMUNICATION INFORMATION:
    TELEPHONE: (608) 257-3501
    TELEFAX: (608) 257-2275
  INFORMATION FOR SEQ ID NO: 146
  SEQUENCE CHARACTERISTICS:
    LENGTH: 18
    TYPE: Nucleic Acid
```



STRANDEDNESS: Single  
TOPOLOGY: Linear  
SEQUENCE DESCRIPTION: SEQ ID NO: 146  
US-09-784-423-146

Query Match 1.5%; Score 14.8; DB 1; Length 18;  
Best Local Similarity 88.9%; Pred. No. 3.2e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 636 TCTGTACCCAGGCTGGA 653  
DB 18 TTTGTACCCAGGCTGGA 1

RESULT 486  
US-09-142-108C-27  
Sequence 27, Application US/09142108C  
Patent No. 6774285  
GENERAL INFORMATION:  
APPLICANT: Bruggliera, Filippo  
APPLICANT: Holton, Timothy A.  
APPLICANT: Michael, Michael Z.  
TITLE OF INVENTION: GENETIC SEQUENCES ENCODING FLAVONOID PATHWAY ENZYMES  
FILE REFERENCE: 11658  
CURRENT APPLICATION NUMBER: US/09/142,108C  
CURRENT FILING DATE: 1998-09-01  
PRIOR APPLICATION NUMBER: PN8386  
PRIOR FILING DATE: 1996-03-01  
NUMBER OF SEQ ID NOS: 45  
SOFTWARE: Patentin Ver. 2.1  
SEQ ID NO 27  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: oligonucleotide  
US-09-142-108C-27

Query Match 1.5%; Score 14.8; DB 1; Length 18;  
Best Local Similarity 88.9%; Pred. No. 3.2e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 429 TTTATTTATTTTATTTT 446  
DB 1 TTTATTTTATTTTATTTT 18

RESULT 487  
PCT-US93-08101-4/c  
Sequence 4, Application PC/TUS9308101  
GENERAL INFORMATION:  
APPLICANT: Bennett and Mirabelli  
TITLE OF INVENTION: Oligonucleotide Modulation  
TITLE OF INVENTION: of Cell Adhesion  
NUMBER OF SEQUENCES: 85  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Woodland Falls Corporate Park  
STREET: 210 Lake Drive East, Suite 201  
CITY: Cherry Hill  
STATE: NJ  
COUNTRY: USA  
ZIP: 08002  
COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE  
COMPUTER: IBM PS/2  
OPERATING SYSTEM: PC-DOS  
SOFTWARE: WORDPERFECT 5.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: PCT/US93/08101  
FILING DATE: Herewith  
CLASSIFICATION:  
PRIOR APPLICATION DATA:

APPLICATION NUMBER: 939,855  
FILING DATE: September 2, 1992  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: PCT/US91/05209  
FILING DATE: July 23, 1991  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 567,286  
FILING DATE: August 14, 1990  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER:  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Jane Masey Licata  
REGISTRATION NUMBER: 32,257  
REFERENCE/DOCKET NUMBER: ISPH-0002  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (215) 568-3100  
TELEFAX: (215) 568-3439  
INFORMATION FOR SEQ ID NO: 4:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
ANTI-SENSE: Yes  
PCT-US93-08101-4

Query Match 1.5%; Score 14.8; DB 1; Length 18;  
Best Local Similarity 88.9%; Pred. No. 3.2e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 533 TCCTCTGCTCAGCCTC 550  
DB 18 TCCTCCACCTCAGCCTC 1

RESULT 488  
PCT-US94-05407-4  
Sequence 4, Application PC/TUS9405407  
GENERAL INFORMATION:  
APPLICANT:  
TITLE OF INVENTION: "NUCLEIC ACID TAGGED IMMUNOASSAY"  
NUMBER OF SEQUENCES: 14  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: NEEDLE & ROSENBERG, P.C.  
STREET: Suite 1200, 127 Peachtree Street  
CITY: Atlanta  
STATE: Georgia  
COUNTRY: USA  
ZIP: 30303  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: PCT/US94/05407  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 06/061,694  
FILING DATE: 13-MAY-1993  
INFORMATION FOR SEQ ID NO: 4:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: oligonucleotide  
PCT-US94-05407-4

Query Match 1.5%; Score 14.8; DB 1; Length 18;  
Best Local Similarity 0.0%; Pred. No. 3.2e+02;  
Matches 0; Conservative 16; Mismatches 2; Indels 0; Gaps 0;

Oy 428 TTTTATTTATTTT 445  
::: :::::  
Db 1 UUUUUUUUUUUUU 18

RESULT 489  
US-08-255-889-11  
Sequence 11, Application US/08255889  
Patent No. 5525467  
GENERAL INFORMATION:  
APPLICANT: ANAND, RAKESH  
TITLE OF INVENTION: AMPLIFICATION METHODS  
NUMBER OF SEQUENCES: 37  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: CUSHMAN DABRY & CUSHMAN  
STREET: 1615 L STREET, N.W.  
CITY: WASHINGTON, D.C.  
STATE:  
COUNTRY: U.S.A.  
ZIP: 20036  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette, 3.5"  
COMPUTER: IBM PC  
OPERATING SYSTEM: PC-DOS  
SOFTWARE: ASCII from WPS-DOS  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/255,889  
FILING DATE:  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 9112801.7  
FILING DATE: 13-Jun-1991  
APPLICATION NUMBER: 9112795.1  
FILING DATE: 13-Jun-1991  
APPLICATION NUMBER: 9112797.7  
FILING DATE: 13-Jun-1991  
APPLICATION NUMBER: 9112799.3  
FILING DATE: 13-Jun-1991  
APPLICATION NUMBER: US 07/899,067  
FILING DATE: 12-JUN-1992  
ATTORNEY/AGENT INFORMATION:  
NAME: KOKULIS, PAUL N.  
REGISTRATION NUMBER: 16773  
REFERENCE/DOCKET NUMBER: 96358/PH.36394/US  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (202) 861-3000  
TELEFAX: (202) 822-0944  
INFORMATION FOR SEQ ID NO: 11:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 35  
TYPE: Nucleic acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
US-08-255-889-11

Query Match 1.5%; Score 14.6; DB 1; Length 35;  
Best Local Similarity 51.5%; Pred. No. 5 6e+02;  
Matches 17; Conservative 6; Mismatches 10; Indels 0; Gaps 0;

Oy 392 GTGCTGAGTTACAGCGCTGACGCCGTGCTGG 424  
|:::|||||  
Db 2 GAGCYRWGATYRYRCATYGCACCTCAGCCTGG 34

RESULT 490  
US-08-332-766A-113  
Sequence 113, Application US/08332766A  
Patent No. 5843647  
GENERAL INFORMATION:  
APPLICANT: JEFFREYS, Alec J.  
APPLICANT: ARMOUR, John  
TITLE OF INVENTION: SIMPLE TANDEM REPEATS  
NUMBER OF SEQUENCES: 125

CORRESPONDENCE ADDRESS:  
ADDRESSEE: CUSHMAN DABRY & CUSHMAN, L.L.P.  
STREET: 1100 New York Avenue, N.W.  
CITY: Washington  
STATE: D.C.  
COUNTRY: U.S.A.  
ZIP: 20005-3918  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/332,766A  
FILING DATE: 01-NOV-1994  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: GB 9326052.9  
FILING DATE: 21-DEC-1993  
ATTORNEY/AGENT INFORMATION:  
NAME: BIRD, Donald J.  
REGISTRATION NUMBER: 25,323  
REFERENCE/DOCKET NUMBER: 217211/M94/0434/GB  
TELEPHONE: (202) 861-3000  
TELEFAX: (202) 822-0944  
TEXT: 6714627 CUSH

INFORMATION FOR SEQ ID NO: 113:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 16 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
US-08-332-766A-113

Query Match 1.5%; Score 14.4; DB 1; Length 16;  
Best Local Similarity 93.8%; Pred. No. 3e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Oy 837 GATCTGCTGCTGCTGG 852  
|:::|||||  
Db 1 GATCTGCTGCTGCTGG 16

RESULT 491  
US-09-479-005A-260  
Sequence 260, Application US/09479005A  
Patent No. 6656731  
GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals, Inc.  
TITLE OF INVENTION: Nucleic Acid Catalysts with Endonuclease Activity  
FILE REFERENCE: MEMB00-884-C  
CURRENT FILING DATE: 2000-01-07  
PRIOR APPLICATION NUMBER: US 09/444,209  
PRIOR FILING DATE: 1999-11-19  
PRIOR APPLICATION NUMBER: US 09/159,274  
PRIOR FILING DATE: 1998-09-22  
PRIOR APPLICATION NUMBER: US 60/059,473  
PRIOR FILING DATE: 1997-09-22  
NUMBER OF SEQ ID NOS: 1208  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 260  
LENGTH: 16  
TYPE: RNA  
ORGANISM: Homo sapiens  
US-09-479-005A-260

Query Match 1.5%; Score 14.4; DB 1; Length 16;  
Best Local Similarity 75.0%; Pred. No. 3e+02; 1; Indels 0; Gaps 0;  
Matches 12; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 646 AGCTGAGTGCAGTG 661  
|||||:|||||:1  
Db 1 AGCTGAGTGCAGTG 16

## RESULT 492

US-09-479-005A-262  
; Sequence 262, Application US/09479005A  
; Patent No. 6656731  
; GENERAL INFORMATION:  
; APPLICANT: Rhozyme Pharmaceuticals, Inc.  
; TITLE OF INVENTION: Nucleic Acid Catalysts with Endonuclease Activity  
; FILE REFERENCE: MBH00-884-C  
; CURRENT FILING DATE: 2000-01-07  
; PRIOR APPLICATION NUMBER: US 09/444,209  
; PRIOR FILING DATE: 1999-11-19  
; PRIOR APPLICATION NUMBER: US 09/159,274  
; PRIOR FILING DATE: 1998-09-22  
; PRIOR APPLICATION NUMBER: US 60/059,473  
; PRIOR FILING DATE: 1997-09-22  
; NUMBER OF SEQ ID NOS: 1208  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 262  
; LENGTH: 16  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-479-005A-262

Query Match 1.5%; Score 14.4; DB 1; Length 16;  
Best Local Similarity 75.0%; Pred. No. 3e+02; Indels 0; Gaps 0;  
Matches 12; Conservative 3; Mismatches 1;

QY 970 TCGGCTCACTGCAGC 985  
:|||||:|||||:  
Db 1 UGAGCUCACUGCAGC 16

RESULT 493  
US-09-479-005A-271  
; Sequence 271, Application US/09479005A  
; Patent No. 6656731  
; GENERAL INFORMATION:  
; APPLICANT: Rhozyme Pharmaceuticals, Inc.  
; TITLE OF INVENTION: Nucleic Acid Catalysts with Endonuclease Activity  
; FILE REFERENCE: MBH00-884-C  
; CURRENT FILING DATE: 2000-01-07  
; PRIOR APPLICATION NUMBER: US 09/444,209  
; PRIOR FILING DATE: 1999-11-19  
; PRIOR APPLICATION NUMBER: US 09/159,274  
; PRIOR FILING DATE: 1998-09-22  
; PRIOR APPLICATION NUMBER: US 60/059,473  
; PRIOR FILING DATE: 1997-09-22  
; NUMBER OF SEQ ID NOS: 1208  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 271  
; LENGTH: 16  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-479-005A-271

Query Match 1.5%; Score 14.4; DB 1; Length 16;  
Best Local Similarity 75.0%; Pred. No. 3e+02; Indels 0; Gaps 0;  
Matches 12; Conservative 3; Mismatches 1;

QY 217 TCGAAGTCCGAGCTC 232  
:|||||:|||||:  
Db 1 UCGAAGTCCGAGCTC 16

RESULT 494  
US-08-373-124A-1811/C

; Sequence 1811, Application US/08373124A  
; Patent No. 5646042  
; GENERAL INFORMATION:  
; APPLICANT: Stinchcomb, Dan T.  
; APPLICANT: Draper, Kenneth  
; APPLICANT: McSwiggen, James  
; APPLICANT: Jarvis, Thale  
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR  
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND  
; NUMBER OF SEQUENCES: 2627  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; STREET: Suite 4700  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071

COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
; MEDIUM TYPE: Storage  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: IBM P.C. DOS 5.0  
; SOFTWARE: Word Perfect 5.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/373,124A  
; FILING DATE: January 13, 1995  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/245,466  
; FILING DATE: May 18, 1994  
; APPLICATION NUMBER: 08/192,943  
; FILING DATE: February 7, 1994  
; APPLICATION NUMBER: 07/987,132  
; FILING DATE: December 7, 1992  
; APPLICATION NUMBER: 07/936,422  
; FILING DATE: August 26, 1992

## ATTORNEY/AGENT INFORMATION:

; NAME: Warburg, Richard  
; REGISTRATION NUMBER: 32,327  
; REFERENCE/DOCKET NUMBER: 209/035  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (213) 489-1600  
; TELEFAX: (213) 955-0440

## INFORMATION FOR SEQ ID NO: 1811:

; SEQUENCE CHARACTERISTICS:  
; LENGTH: 17 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
US-08-373-124A-1811

Query Match 1.5%; Score 14.4; DB 1; Length 17;  
Best Local Similarity 93.8%; Pred. No. 3.2e+02; Indels 0; Gaps 0;  
Matches 15; Conservative 0; Mismatches 1;

QY 598 TTATTTTATTTTAA 613  
|||||:|||||:  
Db 16 TTATTTTATTTTAA 1

RESULT 495  
US-08-435-628-1811/C  
; Sequence 1811, Application US/08435628  
; Patent No. 5817796  
; GENERAL INFORMATION:  
; APPLICANT: Stinchcomb, Dan T.  
; APPLICANT: Draper, Kenneth  
; APPLICANT: McSwiggen, James  
; APPLICANT: Jarvis, Thale  
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR  
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND

; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND

TITLE OF INVENTION: CANCER USING RIBOZYMES  
NUMBER OF SEQUENCES: 2627  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/435,628  
FILING DATE: 05-MAY-1995  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/373,124  
FILING DATE: January 13, 1995  
APPLICATION NUMBER: 08/245,466  
FILING DATE: May 18, 1994  
APPLICATION NUMBER: 08/192,943  
FILING DATE: February 7, 1994  
APPLICATION NUMBER: 07/987,132  
FILING DATE: December 7, 1992  
APPLICATION NUMBER: 07/936,422  
FILING DATE: August 26, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 209/035  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 1811:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-435-628-1811  
Query Match 1.5%; Score 14.4; DB 1; Length 17;  
Best Local Similarity 93.8%; Pred. No. 3.2e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
QY 598 TTATTTTATTTTAA 613  
DB 16 TTATTTTATTTTAA 1  
RESULT 496  
US-08-776-900C-16/c  
Sequence 16, Application US/08776900C  
Patent No. 6020477  
GENERAL INFORMATION:  
APPLICANT: DU, Anita, PAUCHEU, Ch; Hercend, Thierry;  
APPLICANT: LALANNE, Jean-Louis, LIVINGSTON, David and  
APPLICANT: SU, Michael  
TITLE OF INVENTION: DNA SEQUENCES CODING FOR THE HUMAN  
TITLE OF INVENTION: PROTEINS TX AND TY RELATED TO THE  
NUMBER OF SEQUENCES: 42  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: BIERMAN & MUSERLIAN  
STREET: 600 THIRD AVENUE  
CITY: NEW YORK  
STATE: NEW YORK

COUNTRY: USA  
ZIP: 10016  
COMPUTER READABLE FORM:  
MEDIUM TYPE: FLOPPY DISK  
COMPUTER: IBM PC COMPATIBLE  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: WORDPERFECT 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/776,900C  
FILING DATE: 30-APR-1997  
CLASSIFICATION: 536  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: PCT/FR95/01035  
FILING DATE: 01-AUG-1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: FR/94/09567  
FILING DATE: 02-AUG-1994  
ATTORNEY/AGENT INFORMATION:  
NAME: CHARLES A. MUSERLIAN  
REGISTRATION NUMBER: 19,683  
REFERENCE/DOCKET NUMBER: 146,1265  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (212) 661-8000  
TELEFAX: (212) 661-8002  
INFORMATION FOR SEQ ID NO: 16:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
FEATURE:  
OTHER INFORMATION: SEQ ID NO: 1 from 330 to 346  
US-08-776-900C-16  
Query Match 1.5%; Score 14.4; DB 1; Length 17;  
Best Local Similarity 93.8%; Pred. No. 3.2e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
QY 1006 GATTCCTCCTGCTCAG 1021  
DB 17 GATTCCTCCTGCTCAG 2  
RESULT 497  
US-09-268-195C-16/c  
Sequence 16, Application US/09268195C  
Patent No. 6180386  
GENERAL INFORMATION:  
APPLICANT: ROUSSEL UCLAF  
TITLE OF INVENTION: DNA SEQUENCES CODING FOR THE HUMAN  
NUMBER OF SEQUENCES: 42  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: ROUSSEL UCLAF  
STREET: 102, Route de No. 6180386sy  
CITY: ROMAINVILLE  
COUNTRY: FRANCE  
ZIP: 93230  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentn Release #1.0, Version #1.30 (OEB)  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/268,195C  
FILING DATE: 15-MAR-1999  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: FR 9409567  
FILING DATE: AUG-02-1994  
APPLICATION NUMBER: 776,900  
FILING DATE: JANUARY 31, 1998  
INFORMATION FOR SEQ ID NO: 16:

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SEQUENCE CHARACTERISTICS:
LENGTH: 17
TYPE: nucleotide
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: Other nucleic acid
DESCRIPTION: /desc = "OLIGONUCLEOTIDE"
FEATURE:
NAME/KEY: misc.feature
LOCATION: 1..17
OTHER INFORMATION: /note= "SEQ ID NO 1 FROM 330 TO 346"
US-09-268-195C-16

Query Match
Best Local Similarity 93.8%; Pred. No. 3.2e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1006 GATTCCTCTCTCAG 1021
DB 17 GATTCCTCTCAGCTCAG 2

RESULT 498
US-09-544-398B-356/C
Sequence 356, Application US/09544398B
Patent No. 6770461
GENERAL INFORMATION:
APPLICANT: Carulli, John P.
APPLICANT: Little, Randall D.
APPLICANT: Recker, Robert R.
APPLICANT: Johnson, Mark L.
TITLE OF INVENTION: High bone mass gene of 11q13.3
FILE REFERENCE: 032796-013
CURRENT APPLICATION NUMBER: US/09/544,398B
CURRENT FILING DATE: 2002-06-10
PRIOR APPLICATION NUMBER: US 09/229,319
PRIOR FILING DATE: 1999-01-13
PRIOR APPLICATION NUMBER: US 60/071,449
PRIOR FILING DATE: 1998-01-13
PRIOR APPLICATION NUMBER: US 60/105,511
PRIOR FILING DATE: 1998-10-23
NUMBER OF SEQ ID NOS: 641
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 356
LENGTH: 18
TYPE: DNA
ORGANISM: Homo sapiens
US-09-544-398B-356

Query Match
Best Local Similarity 93.8%; Pred. No. 3.5e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 359 GCTCAAGCAGTCCACC 374
DB 17 GCTCAAGCAGTCTCTCC 2

RESULT 499
US-08-882-649A-9/C
Sequence 9, Application US/08882649A
Patent No. 6344316
GENERAL INFORMATION:
APPLICANT: Lockhart, David J.
APPLICANT: Chee, Mark
APPLICANT: Gunderson, Kevin
APPLICANT: Chaogiang, Lai
APPLICANT: Wodicka, Lisa
APPLICANT: Cronin, Maureen T.
APPLICANT: Lee, Danny
APPLICANT: Tran, Huu M.
APPLICANT: Matuzaki, Hajime
APPLICANT: McCall, Glenn H.
```

```
TITLE OF INVENTION: NUCLEIC ACID ANALYSIS TECHNIQUES
NUMBER OF SEQUENCES: 32
CORRESPONDENCE ADDRESS:
ADDRESSER: Joe Liebeschuetz
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: CA
COUNTRY: USA
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/882,649A
FILING DATE: 25-Jun-1997
CLASSIFICATION: 435-006.000
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/010,471
FILING DATE: 23-JAN-1996
APPLICATION NUMBER: US 60/035,170
FILING DATE: 09-JAN-1997
APPLICATION NUMBER: PCT/US97/01603
FILING DATE: 22-JAN-1997
ATTORNEY/AGENT INFORMATION:
NAME: Liebeschuetz, Joe
REGISTRATION NUMBER: 37,505
REFERENCE/DOCKET NUMBER: 018547-019410US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 14 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: YES
SEQUENCE DESCRIPTION: SEQ ID NO: 9:
US-08-882-649A-9

Query Match
Best Local Similarity 100.0%; Pred. No. 2.7e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 428 TTTTATTTATTTT 441
DB 14 TTTTATTTATTTT 1

RESULT 500
US-08-744-481A-39/C
Sequence 39, Application US/08744481A
Patent No. 6428955
GENERAL INFORMATION:
APPLICANT: K ster, Hubert
TITLE OF INVENTION: DNA DIAGNOSTICS BASED ON MASS SPECTROMETRY
NUMBER OF SEQUENCES: 55
CORRESPONDENCE ADDRESS:
ADDRESSER: HELLER EHRMAN WHITE & MCAULIFFE
STREET: 4250 Executive Square, Suite 700
CITY: La Jolla
STATE: California
COUNTRY: USA
ZIP: 92037-9103
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
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CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/744, 481A  
FILING DATE: No. 6428955ember 6, 1996  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/617, 256  
FILING DATE: March 18, 1996  
ATTORNEY/AGENT INFORMATION:  
NAME: Seidman, Stephanie L.  
REGISTRATION NUMBER: 33, 779  
REFERENCE/DOCKET NUMBER: 24736-2004  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (617) 450-8400  
TELEFAX: (617) 587-5360  
INFORMATION FOR SEQ ID NO: 39:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 14 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: CDNA  
US-08-744-481A-39

Query Match 1.4%; Score 14; DB 1; Length 14;  
Best Local Similarity 100.0%; Pred. No. 2.7e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 620 GAGACAGCTCTCA 633  
DB 14 GAGACAGCTCTCA 1

RESULT 501  
US-08-292-620A-336  
Sequence 336, Application US/08292620A  
Patent No. 5837542  
GENERAL INFORMATION:  
APPLICANT: Susan Grimm  
APPLICANT: Dan T. Stinchcomb  
APPLICANT: James McSwiggen  
APPLICANT: Sean Sullivan  
APPLICANT: Kenneth G. Draper  
TITLE OF INVENTION: RIBOZYME TREATMENT OF  
TITLE OF INVENTION: DISEASES OR CONDITIONS  
TITLE OF INVENTION: RELATED TO LEVELS OF  
TITLE OF INVENTION: INTRACELLULAR ADHESION  
TITLE OF INVENTION: MOLECULE-1 (I-CM-1)  
NUMBER OF SEQUENCES: 2390  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 MB  
MEDIUM TYPE: storage  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/292, 620A  
FILING DATE: August 17, 1994  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
PRIOR APPLICATION DATA: including application  
PRIOR APPLICATION DATA: described below:  
APPLICATION NUMBER: 08/008, 895  
FILING DATE: January 19, 1993  
APPLICATION NUMBER: 07/989, 849  
FILING DATE: December 7, 1992

two

ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 208/149  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
INFORMATION FOR SEQ ID NO: 336:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-292-620A-336

Query Match 1.4%; Score 14; DB 1; Length 15;  
Best Local Similarity 78.6%; Pred. No. 3e+02;  
Matches 11; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY 635 CTCTGTACCCAGG 648  
DB 2 CUCUGUACCCAGG 15

RESULT 502  
US-08-292-620A-349  
Sequence 349, Application US/08292620A  
Patent No. 5837542  
GENERAL INFORMATION:  
APPLICANT: Susan Grimm  
APPLICANT: Dan T. Stinchcomb  
APPLICANT: James McSwiggen  
APPLICANT: Sean Sullivan  
APPLICANT: Kenneth G. Draper  
TITLE OF INVENTION: RIBOZYME TREATMENT OF  
TITLE OF INVENTION: DISEASES OR CONDITIONS  
TITLE OF INVENTION: RELATED TO LEVELS OF  
TITLE OF INVENTION: INTRACELLULAR ADHESION  
TITLE OF INVENTION: MOLECULE-1 (I-CM-1)  
NUMBER OF SEQUENCES: 2390  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 MB  
MEDIUM TYPE: storage  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/292, 620A  
FILING DATE: August 17, 1994  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
PRIOR APPLICATION DATA: including application  
PRIOR APPLICATION DATA: described below:  
APPLICATION NUMBER: 08/008, 895  
FILING DATE: January 19, 1993  
APPLICATION NUMBER: 07/989, 849  
FILING DATE: December 7, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 208/149  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440

two

TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 349:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-292-620A-349

Query Match 1.4%; Score 14; DB 1; Length 15;  
Best Local Similarity 78.6%; Pred. No. 3e+02;  
Matches 11; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY 719 CAGCCTCCTGAGTA 732  
|||:|:|:|:|:|:  
Db 2 CAGCCCTCCGAGTA 15

RESULT 503  
US-09-071-845-336  
Sequence 336, Application US/09071845  
Patent No. 6132967  
GENERAL INFORMATION:  
APPLICANT: Susan Grimm  
APPLICANT: Dan T. Stinchcomb  
APPLICANT: James McSwiggen  
APPLICANT: Sean Sullivan  
APPLICANT: Kenneth G. Draper  
TITLE OF INVENTION: RIBOZYME TREATMENT OF  
TITLE OF INVENTION: DISEASES OR CONDITIONS  
TITLE OF INVENTION: RELATED TO LEVELS OF  
TITLE OF INVENTION: INTRACELLULAR ADHESION  
TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)  
NUMBER OF SEQUENCES: 2390  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Suite 4700  
STATE: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/071,845  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/08/292,620  
FILING DATE: August 17, 1994  
APPLICATION NUMBER: 08/008,895  
FILING DATE: January 19, 1993  
APPLICATION NUMBER: 07/989,849  
FILING DATE: December 7, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 208/149  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 336:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear

US-09-071-845-336

Query Match 1.4%; Score 14; DB 1; Length 15;  
Best Local Similarity 78.6%; Pred. No. 3e+02;  
Matches 11; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY 635 CTCCTGACCCGAG 648  
|:|:|:|:|:|:|:  
Db 2 CTCCTGACCCGAG 15

RESULT 504  
US-09-071-845-349  
Sequence 349, Application US/09071845  
Patent No. 6132967  
GENERAL INFORMATION:  
APPLICANT: Susan Grimm  
APPLICANT: Dan T. Stinchcomb  
APPLICANT: James McSwiggen  
APPLICANT: Sean Sullivan  
APPLICANT: Kenneth G. Draper  
TITLE OF INVENTION: RIBOZYME TREATMENT OF  
TITLE OF INVENTION: DISEASES OR CONDITIONS  
TITLE OF INVENTION: RELATED TO LEVELS OF  
TITLE OF INVENTION: INTRACELLULAR ADHESION  
TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)  
NUMBER OF SEQUENCES: 2390  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Suite 4700  
STATE: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/071,845  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/08/292,620  
FILING DATE: August 17, 1994  
APPLICATION NUMBER: 08/008,895  
FILING DATE: January 19, 1993  
APPLICATION NUMBER: 07/989,849  
FILING DATE: December 7, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 208/149  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 349:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-09-071-845-349  
Query Match 1.4%; Score 14; DB 1; Length 15;  
Best Local Similarity 78.6%; Pred. No. 3e+02;  
Matches 11; Conservative 3; Mismatches 0; Indels 0; Gaps 0;  
QY 719 CAGCCTCCTGAGTA 732

Db 2 CAGCCTCCGAGUA 15

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RESULT 505
US-08-906-156A-6
; Sequence 6, Application US/08906156A
; Patent No. 6287854
; GENERAL INFORMATION:
; APPLICANT: SPURR, NIGEL K
; APPLICANT: GRAY, IAN C
; APPLICANT: STEWART, LORNA M
; TITLE OF INVENTION: DIAGNOSIS OF SUSCEPTIBILITY TO CANCER
; TITLE OF INVENTION: AND TREATMENT THEREOF
; NUMBER OF SEQUENCES: 94
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: NIXON & VANDERHAYE P.C.
; STREET: 1100 NORTH GLEBE ROAD
; CITY: ARLINGTON
; STATE: VA
; COUNTRY: USA
; ZIP: 22201
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/906.156A
; FILING DATE: 05-AUG-1997
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/042,655
; FILING DATE: 02-APR-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/033,147
; FILING DATE: 13-DEC-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/005,840
; FILING DATE: 23-OCT-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: WO PCT/96GB/02588
; FILING DATE: 22-OCT-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: SANDOFF, B.J.
; REGISTRATION NUMBER: 36,663
; REFERENCE/DOCKET NUMBER: 1090-14
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 703-816-4000
; TELEFAX: 703-816-4100
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA to mRNA
; HYPOTHETICAL: NO
; ORIGINAL SOURCE:
; ORGANISM: Synthetic PCR primer
US-08-906-156A-6

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Query Match 1.4%; Score 14; DB 1; Length 17;  
 Best Local Similarity 100.0%; Pred. No. 3.5e+02;  
 Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 380 CAGCCTCCGAGT 393  
 |||||  
 DB 1 CAGCCTCCGAGT 14

RESULT 506  
 US-09-371-772B-6194/C

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; Sequence 6194, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBRB00, 876-U (237/198)
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US/09/371,772B
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 6194
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-6194

```

Query Match 1.4%; Score 14; DB 1; Length 17;  
 Best Local Similarity 100.0%; Pred. No. 3.5e+02;  
 Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 195 CTCGATGTTGTCGA 208  
 |||||  
 DB 17 CTCGATGTTGTCGA 4

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RESULT 507
US-09-371-772B-6195/C
; Sequence 6195, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBRB00, 876-U (237/198)
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US/09/371,772B
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 6195
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-6195

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Query Match 1.4%; Score 14; DB 1; Length 17;  
 Best Local Similarity 100.0%; Pred. No. 3.5e+02;  
 Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 195 CTCGATGTTGTCGA 208  
 |||||  
 DB 14 CTCGATGTTGTCGA 1

RESULT 508  
 US-08-373-124A-410/C  
 ; Sequence 410, Application US/08373124A



```

; Patent No. 5646042
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth
; APPLICANT: McSwiggen, James
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
; TITLE OF INVENTION: CANCER USING RIBOZYMES
; NUMBER OF SEQUENCES: 2627
; CORRESPONDENCE ADDRESS:
; ADDRESSES: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 MB
; MEDIUM TYPE: Storage
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/373,124A
; FILING DATE: January 13, 1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/245,466
; FILING DATE: May 18, 1994
; APPLICATION NUMBER: 08/192,943
; FILING DATE: February 7, 1994
; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992
; APPLICATION NUMBER: 07/936,422
; FILING DATE: August 26, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/035
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ. ID NO: 410:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-373-124A-410

Query Match 1.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 3.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 475 ATGAGTGCAGTGTGT 491
DB 17 ATGAGTGCAGTGTGT 1

RESULT 509
US-08-373-124A-1875
; Sequence 1875, Application US/08373124A
; Patent No. 5646042
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth
; APPLICANT: McSwiggen, James
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
; TITLE OF INVENTION: CANCER USING RIBOZYMES
```

```

; NUMBER OF SEQUENCES: 2627
; CORRESPONDENCE ADDRESS:
; ADDRESSES: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 MB
; MEDIUM TYPE: Storage
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/373,124A
; FILING DATE: January 13, 1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/245,466
; FILING DATE: May 18, 1994
; APPLICATION NUMBER: 08/192,943
; FILING DATE: February 7, 1994
; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992
; APPLICATION NUMBER: 07/936,422
; FILING DATE: August 26, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/035
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ. ID NO: 1875:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-373-124A-1875

Query Match 1.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 17.6%; Pred. No. 3.6e+02;
Matches 3; Conservative 12; Mismatches 2; Indels 0; Gaps 0;

QY 764 TATTTTTCATTTT 780
DB 1 UGAUUUAUUUGAUUUU 17

RESULT 510
US-08-758-306-1107/C
; Sequence 1107, Application US/08758306
; Patent No. 5807743
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: McSwiggen, James A.
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES
; TITLE OF INVENTION: ASSOCIATED WITH
; TITLE OF INVENTION: INTERLEUKIN-2 RECEPTOR
; TITLE OF INVENTION: GAMMA-CHAIN EXPRESSION
; NUMBER OF SEQUENCES: 1379
; CORRESPONDENCE ADDRESS:
; ADDRESSES: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
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COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: FastSeq Version 1.5  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/758,306  
FILING DATE: December 3, 1996  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER:  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 212/132  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 1107:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-758-306-1107

Query Match 1.4%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 3.6e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 776 ATTTAGTAGAGATGG 792  
DB 17 ATGTTCTGAGAGATGG 1

RESULT 511  
US-08-435-628-410/C  
Sequence 410, Application US/08435628  
Patent No. 5817796  
GENERAL INFORMATION:  
APPLICANT: Stinchcomb, Dan T.  
APPLICANT: Draper, Kenneth  
APPLICANT: McSwigen, James  
APPLICANT: Jarvis, Thale  
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR  
TREATMENT OF RESTENOSIS AND  
TITLE OF INVENTION: CANCER USING RIBOZYMES  
NUMBER OF SEQUENCES: 2627  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/435,628  
FILING DATE: 05-MAY-1995  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/373,124  
FILING DATE: January 13, 1995  
APPLICATION NUMBER: 08/245,466

FILING DATE: May 18, 1994  
APPLICATION NUMBER: 08/192,943  
FILING DATE: February 7, 1994  
APPLICATION NUMBER: 07/987,132  
FILING DATE: December 7, 1992  
APPLICATION NUMBER: 07/936,422  
FILING DATE: August 26, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 209/035  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 410:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-435-628-410

Query Match 1.4%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 3.6e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 475 ATGAAGTCAGTGGTGT 491  
DB 17 ATGAGTGTGAGTGTGT 1

RESULT 512  
US-08-435-628-1875  
Sequence 1875, Application US/08435628  
Patent No. 5817796  
GENERAL INFORMATION:  
APPLICANT: Stinchcomb, Dan T.  
APPLICANT: Draper, Kenneth  
APPLICANT: McSwigen, James  
APPLICANT: Jarvis, Thale  
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR  
TREATMENT OF RESTENOSIS AND  
TITLE OF INVENTION: CANCER USING RIBOZYMES  
NUMBER OF SEQUENCES: 2627  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/435,628  
FILING DATE: 05-MAY-1995  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/373,124  
FILING DATE: January 13, 1995  
APPLICATION NUMBER: 08/245,466  
FILING DATE: May 18, 1994  
APPLICATION NUMBER: 08/192,943  
FILING DATE: February 7, 1992  
APPLICATION NUMBER: 07/987,132  
FILING DATE: December 7, 1992  
APPLICATION NUMBER: 07/936,422

TOPOLGY: linear  
US-08-985-162-542  
Query Match 1.4%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 17.6%; Pred. No. 3.6e+02;  
Matches 3; Conservative 12; Mismatches 2; Indels 0; Gaps 0;  
QY 764 TATTTTGTATTTT 780  
DB 1 UGAUUUAUUUGAUUUU 17  
RESULT 513  
US-08-985-162-542/c  
Sequence 542, Application US/08985162  
GENERAL INFORMATION:  
PATENT: 6057156  
APPLICANT: Akhtar, Saghir  
APPLICANT: Fell, Patricia  
APPLICANT: McSwiggen, James  
TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT  
TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED  
TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH  
TITLE OF INVENTION: FACTOR RECEPTORS  
NUMBER OF SEQUENCES: 1877  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: FASTSEQ for Windows 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/985,162  
FILING DATE: 04 December 1997  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/036,476  
FILING DATE: 31 January 1997  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 230/107  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 542:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single

TOPOLGY: linear  
US-08-985-162-542  
Query Match 1.4%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 3.6e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 520 CTGAGATCAGCATCCT 536  
DB 17 CTGAGATCAGCATCCT 1  
RESULT 514  
US-08-851-843A-132  
Sequence 132, Application US/08851843A  
PATENT: 6093809  
GENERAL INFORMATION:  
APPLICANT: Cech, Thomas R.  
APPLICANT: Lingner, Joachim  
APPLICANT: Nakamura, Toru  
APPLICANT: Chapman, Karen B.  
APPLICANT: Morin, Gregg B.  
APPLICANT: Harley, Calvin  
APPLICANT: Andrews, William H.  
TITLE OF INVENTION: No. 6093809e1 Telomerase  
NUMBER OF SEQUENCES: 225  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Townsend and Townsend and Crew LLP  
STREET: Two Embarcadero Center, 8th Floor  
CITY: San Francisco  
STATE: California  
COUNTRY: United States of America  
ZIP: 94111  
COMPUTER READABLE FORM:  
MEDIUM TYPE: floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/851,843A  
FILING DATE: 06-MAY-1997  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/844,419  
FILING DATE: 18-APR-1997  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/724,643  
FILING DATE: 01-OCT-1996  
CLASSIFICATION:  
ATTORNEY/AGENT INFORMATION:  
NAME: Apple, Randolph T.  
REGISTRATION NUMBER: 36,429  
REFERENCE/DOCKET NUMBER: 015389-002930US  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 576-0200  
TELEFAX: (415) 576-0300  
INFORMATION FOR SEQ ID NO: 132:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-851-843A-132  
Query Match 1.4%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 3.6e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Oy 428 TTTTATTTATTTT 444  
|||||  
Db 1 TTTTATTTT 17

RESULT 515  
US-08-998-099-120/c  
; Sequence 120, Application US/08998099A  
; Patent No. 6103890  
; GENERAL INFORMATION:  
; APPLICANT: JARVIS, THALE  
; APPLICANT: MCSWIGEN, JAMES A.  
; APPLICANT: STINCHCOMB, DAN T.  
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES  
; TITLE OF INVENTION: OR CONDITIONS RELATED TO LEVELS OF C-FOS  
; FILE REFERENCE: 231/175  
; CURRENT APPLICATION NUMBER: US/08/998,099A  
; CURRENT FILING DATE: 1997-12-24  
; EARLIER APPLICATION NUMBER: 60/037,658  
; EARLIER FILING DATE: 1997-01-23  
; EARLIER APPLICATION NUMBER: 08/373,124  
; EARLIER FILING DATE: 1995-01-13  
; EARLIER APPLICATION NUMBER: 08/245,466  
; EARLIER FILING DATE: 1994-05-18  
; NUMBER OF SEQ ID NOS: 375  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 120  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-08-998-099-120

Query Match 1.4%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 3.6e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Oy 730 GTAGCTGGACTACAG 746  
|||||  
Db 17 GCAGCTGGAGTACAG 1

RESULT 516  
US-09-250-075-5  
; Sequence 5, Application US/09250075  
; Patent No. 6207819  
; GENERAL INFORMATION:  
; APPLICANT: Manoharan, Muthiah  
; APPLICANT: Maier, Martin A  
; TITLE OF INVENTION: Compounds Processes And Intermediates For Synthesis Of  
; TITLE OF INVENTION: Mixed Backbone Oligomeric Compounds  
; FILE REFERENCE: IS151329  
; CURRENT APPLICATION NUMBER: US/09/250,075  
; CURRENT FILING DATE: 1999-02-12  
; NUMBER OF SEQ ID NOS: 12  
; SOFTWARE: Patentin Ver. 2.1  
; SEQ ID NO 5  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; NAME/KEY: misc feature  
; LOCATION: (1)-(17)  
; OTHER INFORMATION: 2'-methoxyethoxy (MOE); modified linkage  
; OTHER INFORMATION: Description of Artificial Sequence: No. 6207819e1  
; OTHER INFORMATION: Sequence  
US-09-250-075-5

Query Match 1.4%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 3.6e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
Oy 428 TTTTATTTATTTT 444  
|||||

Db 1 TTTTATTTT 17

RESULT 517  
US-08-854-050-132  
; Sequence 132, Application US/08854050  
; Patent No. 6261836  
; GENERAL INFORMATION:  
; APPLICANT: Cecch, Thomas R.  
; APPLICANT: Lingner, Joachim  
; APPLICANT: Nakamura, Toru  
; APPLICANT: Chapman, Karen B.  
; APPLICANT: Morin, Gregg B.  
; APPLICANT: Harley, Calvin  
; APPLICANT: Andrews, William H.  
; TITLE OF INVENTION: No. 6261836e1 Telomerase  
; NUMBER OF SEQUENCES: 225  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Townsend and Townsend and Crew LLP  
; STREET: Two Embarcadero Center, 8th Floor  
; CITY: San Francisco  
; STATE: California  
; COUNTRY: United States of America  
; ZIP: 94111  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patentin Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/854,050  
; FILING DATE: 09-MAY-1997  
; CLASSIFICATION: 536  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/851,843  
; FILING DATE: 06-MAY-1997  
; CLASSIFICATION: 536  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/846,017  
; FILING DATE: 25-APR-1997  
; CLASSIFICATION: 536  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/724,643  
; FILING DATE: 01-OCT-1996  
; CLASSIFICATION: 536  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Apple, Randolph T.  
; REGISTRATION NUMBER: 36,429  
; REFERENCE/DOCKET NUMBER: 015389-002930US  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (415) 576-0200  
; TELEFAX: (415) 576-0300  
; INFORMATION FOR SEQ ID NO: 132:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 17 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
US-08-854-050-132

Query Match 1.4%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 3.6e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Oy 428 TTTTATTTATTTT 444  
|||||  
Db 1 TTTTATTTT 17



CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/584,040  
FILING DATE: January 11, 1996  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/005,974  
FILING DATE: October 26, 1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 218/064  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 2823:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-584-040-2823

Query Match 1.4%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 17.6%; Pred. No. 3.6e+02;  
Matches 3; Conservative 12; Mismatches 2; Indels 0; Gaps 0;

Qy 902 TTTAATTTTGTGT 918  
Db 1 UUCACUUUUUUUUU 17

RESULT 521  
US-08-584-040-2824  
Sequence 2824, Application US/08584040  
Patent No. 6346398  
GENERAL INFORMATION:  
APPLICANT: Pavco, Pamela  
APPLICANT: MCSwigen, James  
APPLICANT: Stinchcomb, Dan T.  
APPLICANT: Escobedo, Jaime  
TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
TITLE OF INVENTION: TREATMENT OF DISEASES OR  
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS  
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL  
TITLE OF INVENTION: GROWTH FACTOR  
NUMBER OF SEQUENCES: 8502  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/584,040

FILING DATE: January 11, 1996  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/005,974  
FILING DATE: October 26, 1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 218/064  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 2824:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-584-040-2824

Query Match 1.4%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 17.6%; Pred. No. 3.6e+02;  
Matches 3; Conservative 12; Mismatches 2; Indels 0; Gaps 0;

Qy 903 TTTAATTTTGTGT 919  
Db 1 UUCACUUUUUUUUU 17

RESULT 522  
US-08-584-040-2825  
Sequence 2825, Application US/08584040  
Patent No. 6346398  
GENERAL INFORMATION:  
APPLICANT: Pavco, Pamela  
APPLICANT: MCSwigen, James  
APPLICANT: Stinchcomb, Dan T.  
APPLICANT: Escobedo, Jaime  
TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
TITLE OF INVENTION: TREATMENT OF DISEASES OR  
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS  
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL  
TITLE OF INVENTION: GROWTH FACTOR  
NUMBER OF SEQUENCES: 8502  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/584,040  
FILING DATE: January 11, 1996  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/005,974  
FILING DATE: October 26, 1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 218/064  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440

TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 2825:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-584-040-2825

Query Match 1.4%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 17.6%; Pred. No. 3.6e+02;  
Matches 3; Conservative 12; Mismatches 2; Indels 0; Gaps 0;

QY 904 TTAATTTTGTGTTT 920  
Db 1 UCACUUUUUUUUUUU 17

RESULT 523  
US-08-679-645-884  
Sequence 884, Application US/08679645  
Patent No. 6350934  
GENERAL INFORMATION:  
APPLICANT: Zwick, Michael G.  
APPLICANT: Edington, Brent B.  
APPLICANT: McSwiggen, James A.  
APPLICANT: Merlo, Patricia Ann Owens  
APPLICANT: Guo, Lining  
APPLICANT: Skokut, Thomas A.  
APPLICANT: Young, Scott A.  
APPLICANT: Folkerts, Otto  
TITLE OF INVENTION: COMPOSITION AND METHODS FOR  
TITLE OF INVENTION: MODULATION OF GENE EXPRESSION  
TITLE OF INVENTION: IN PLANTS  
NUMBER OF SEQUENCES: 1263  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/679,645  
FILING DATE: July 12, 1996  
CLASSIFICATION: 800  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/001,135  
FILING DATE: July 13, 1995  
APPLICATION NUMBER: 08/300,726  
FILING DATE: September 2, 1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 219/247  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 884:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear

US-08-679-645-884

Query Match 1.4%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 5.9%; Pred. No. 3.6e+02;  
Matches 1; Conservative 14; Mismatches 2; Indels 0; Gaps 0;

QY 427 TTTTATTTTATTTT 443  
Db 1 UUUUUUUUUUUUUU 17

RESULT 524  
US-08-679-645-885  
Sequence 885, Application US/08679645  
Patent No. 6350934  
GENERAL INFORMATION:  
APPLICANT: Zwick, Michael G.  
APPLICANT: Edington, Brent B.  
APPLICANT: McSwiggen, James A.  
APPLICANT: Merlo, Patricia Ann Owens  
APPLICANT: Guo, Lining  
APPLICANT: Skokut, Thomas A.  
APPLICANT: Young, Scott A.  
APPLICANT: Folkerts, Otto  
TITLE OF INVENTION: COMPOSITION AND METHODS FOR  
TITLE OF INVENTION: MODULATION OF GENE EXPRESSION  
TITLE OF INVENTION: IN PLANTS  
NUMBER OF SEQUENCES: 1263  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/679,645  
FILING DATE: July 12, 1996  
CLASSIFICATION: 800  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/001,135  
FILING DATE: July 13, 1995  
APPLICATION NUMBER: 08/300,726  
FILING DATE: September 2, 1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 219/247  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 885:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-679-645-885

Query Match 1.4%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 5.9%; Pred. No. 3.6e+02;  
Matches 1; Conservative 14; Mismatches 2; Indels 0; Gaps 0;

QY 428 TTTTATTTTATTTT 444

Db 1 UUUUUUUUUUUUUUUUU 17

## RESULT 525

US-09-619-103-23/c  
Sequence 23, Application US/09619103

Patent No. 64293100

GENERAL INFORMATION:

APPLICANT: Kurtz, Markus

APPLICANT: Lohse, Peter

TITLE OF INVENTION: Peptide Acceptor Ligation Methods

FILE REFERENCE: 50036/031002

CURRENT FILING DATE: 2000-07-19

PRIOR APPLICATION NUMBER: 60/145,834

PRIOR FILING DATE: 1999-07-27

NUMBER OF SEQ ID NOS: 26

SOFTWARE: FastSeq for Windows Version 4.0

SEQ ID NO 23

LENGTH: 17

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: designed sequence for nucleic acid purification

US-09-619-103-23

Query Match 1.4%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 3.6e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Db 17 TTTTATTTTATTTT 1

## RESULT 526

US-09-726-096A-5  
Sequence 5, Application US/09726096A

Patent No. 6462184

GENERAL INFORMATION:

APPLICANT: Manoharan, Muthiah

APPLICANT: Maier, Martin A.

TITLE OF INVENTION: Compounds, Processes And Intermediates For Synthesis Of Mixed Back

FILE REFERENCE: ISI54528

CURRENT APPLICATION NUMBER: US/09/726,096A

FILE REFERENCE: ISI54528

CURRENT FILING DATE: 2000-11-29

NUMBER OF SEQ ID NOS: 12

SOFTWARE: PatentIn version 3.0

SEQ ID NO 5

LENGTH: 17

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

NAME/KEY: misc feature

OTHER INFORMATION: Oligonucleotide

LOCATION: (1)-(19)

OTHER INFORMATION: 2'-methoxyethoxy (MOE); phosphorothioate

US-09-726-096A-5

Query Match 1.4%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 3.6e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Db 1 TTTTATTTTATTTT 17

RESULT 527  
US-09-300-958A-63  
Sequence 63, Application US/09300958A

Patent No. 6495319

GENERAL INFORMATION:

APPLICANT: McClelland, Michael

APPLICANT: Welsh, John

TITLE OF INVENTION: Reduced Complexity Nucleic Acid Targets and Methods of

FILE REFERENCE: P-PH 3457

CURRENT APPLICATION NUMBER: US/09/300,958A

CURRENT FILING DATE: 1999-04-27

PRIOR APPLICATION NUMBER: 60/083,331

PRIOR FILING DATE: 1998-04-27

PRIOR APPLICATION NUMBER: 60/098,070

PRIOR FILING DATE: 1998-08-27

PRIOR APPLICATION NUMBER: 60/118,624

PRIOR FILING DATE: 1999-02-04

NUMBER OF SEQ ID NOS: 85

SOFTWARE: PatentIn Ver. 2.0

SEQ ID NO 63

LENGTH: 17

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Description of Artificial Sequence: Primer

US-09-300-958A-63

Query Match 1.4%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 3.6e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Db 1 ATTTTATTTTATTTTA 17

## RESULT 528

US-09-371-772B-1074  
Sequence 1074, Application US/09371772B

Patent No. 6566127

GENERAL INFORMATION:

APPLICANT: Pawco, Pam

APPLICANT: McSwigen, Jim

APPLICANT: Stinchcomb, Dan

TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re

FILE REFERENCE: MBH00,876-J (237/198)

CURRENT APPLICATION NUMBER: US/09/371,772B

CURRENT FILING DATE: 1999-08-10

PRIOR APPLICATION NUMBER: US 60/005,974

PRIOR FILING DATE: 1995-10-26

PRIOR APPLICATION NUMBER: US 08/584,040

PRIOR FILING DATE: 1996-01-08

NUMBER OF SEQ ID NOS: 14225

SOFTWARE: PatentIn version 3.0

SEQ ID NO 1074

LENGTH: 17

TYPE: RNA

ORGANISM: Homo sapiens

US-09-371-772B-1074

Query Match 1.4%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 5.9%; Pred. No. 3.6e+02;  
Matches 1; Conservative 14; Mismatches 2; Indels 0; Gaps 0;

Db 1 CUUUUUUUUUUUUUUU 17



```
RESULT 529
US-09-371-772B-1347
; Sequence 1347, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwigen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions R
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MHB00, 876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1347
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-1347

Query Match          1.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 17.6%; Pred. No. 3.6e+02;
Matches 3; Conservative 12; Mismatches 2; Indels 0; Gaps 0;

QY 902 TTTTATTTTGTGTGT 918
Db 1 UUCACUUUUUUUUUU 17

RESULT 530
US-09-371-772B-1348
; Sequence 1348, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwigen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions R
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MHB00, 876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1348
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-1348

Query Match          1.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 17.6%; Pred. No. 3.6e+02;
Matches 3; Conservative 12; Mismatches 2; Indels 0; Gaps 0;

QY 903 TTTTATTTTGTGTGT 919
Db 1 UUCACUUUUUUUUUU 17
```

```
RESULT 531
US-09-371-772B-1349
; Sequence 1349, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwigen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions R
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MHB00, 876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1349
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-1349

Query Match          1.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 17.6%; Pred. No. 3.6e+02;
Matches 3; Conservative 12; Mismatches 2; Indels 0; Gaps 0;

QY 904 TTTTATTTTGTGTGT 920
Db 1 UUCACUUUUUUUUUU 17

RESULT 532
US-09-371-772B-4780
; Sequence 4780, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwigen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions R
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MHB00, 876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4780
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-4780

Query Match          1.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 3.6e+02;
Matches 12; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 574 TGACCACTACACCTGG 590
Db 1 UGCAGCACUACACAGCG 17

RESULT 533
```

US-09-401-063-542/c  
; Sequence 542, Application US/09401063  
; Patent No. 6623962  
; GENERAL INFORMATION:  
; APPLICANT: Akhtar, Saghir  
; APPLICANT: Fell, Patricia  
; APPLICANT: MCSwigen, James  
; TITLE OF INVENTION: ENZYMAIC NUCLEIC ACID TREATMENT  
; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED  
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH  
; TITLE OF INVENTION: FACTOR RECEPTORS  
; NUMBER OF SEQUENCES: 1877  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: Suite 4700  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071-2066  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
; MEDIUM TYPE: storage  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: IBM P.C. DOS 5.0  
; SOFTWARE: FastSeq for Windows 2.0  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/401,063  
; FILING DATE:  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/985,162  
; FILING DATE: 04 December 1997  
; APPLICATION NUMBER: 60/036,476  
; FILING DATE: 31 January 1997  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Warburg, Richard J.  
; REGISTRATION NUMBER: 32,327  
; REFERENCE/DOCKET NUMBER: 230/107  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (213) 489-1600  
; TELEFAX: (213) 955-0440  
; TELEX: 67-3510  
; INFORMATION FOR SEQ ID NO: 542:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 17 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; US-09-401-063-542

Query Match 1.4%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 3.6e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 520 CTGAGTCAAGCATCCT 536  
Db 17 CTGAGTCAAGCATCCT 1

RESULT 534  
US-09-827-998-851/c  
; Sequence 851, Application US/09827998  
; Patent No. 6656700  
; GENERAL INFORMATION:  
; APPLICANT: Gu, Yizhong  
; APPLICANT: Shannon, Mark  
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E  
; FILE REFERENCE: MDNORF-8  
; CURRENT APPLICATION NUMBER: US/09/827,998  
; CURRENT FILING DATE: 2001-04-06  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26

; PRIOR APPLICATION NUMBER: US 60/236,359  
; PRIOR FILING DATE: 2000-09-27  
; NUMBER OF SEQ ID NOS: 1881  
; SOFTWARE: Aeomica Sequence Listing Engine  
; Patent No. 6656700  
; SEQ ID NO 851  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
; US-09-827-998-851

Query Match 1.4%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 3.6e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 890 CGCCGGCTTATTTTA 906  
Db 17 CGCCGGCTTATTTCTTA 1

RESULT 535  
US-09-866-108A-6546/c  
; Sequence 6546, Application US/09866108A  
; Patent No. 6686188  
; GENERAL INFORMATION:  
; APPLICANT: GU, Yizhong  
; APPLICANT: JI, Yonggang  
; APPLICANT: PENN, Sharon G.  
; APPLICANT: HANZEL, David K.  
; APPLICANT: RANK, David R.  
; APPLICANT: CHEN, Wensheng  
; APPLICANT: SHANNON, Mark  
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
; FILE REFERENCE: ABOMICA-7  
; CURRENT APPLICATION NUMBER: US/09/866,108A  
; CURRENT FILING DATE: 2001-05-25  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: GB 24263.6  
; PRIOR FILING DATE: 2000-10-04  
; PRIOR APPLICATION NUMBER: US 60/236,359  
; PRIOR FILING DATE: 2000-09-27  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00667  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00664  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00669  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00665  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00668  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00663  
; PRIOR FILING DATE: 2001-01-30  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 15755  
; SOFTWARE: Aeomica Sequence Listing Engine  
; Patent No. 6686188  
; SEQ ID NO 6546  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
; US-09-866-108A-6546

Query Match 1.4%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 3.6e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 369 TTCACCTGCTTACGCTT 385  
Db 17 TTCACCTGCTTACGCTT 1

```
RESULT 536
US-09-866-108A-6547/C
Sequence 6547, Application US/09866108A
Patent No. 6686188
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharon G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
PRIOR FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: US 60/226,359
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
Remaining Prior Application data removed - See File Wrapper or PALM.
SOFTWARE: Aeomica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 6547
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-6547

Query Match 1.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 3.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
RESULT 537
US-09-866-108A-8863/C
Sequence 8863, Application US/09866108A
Patent No. 6686188
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharon G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
PRIOR FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: US 60/226,359
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
Remaining Prior Application data removed - See File Wrapper or PALM.
SOFTWARE: Aeomica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 8863
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-8863

Query Match 1.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 3.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
RESULT 538
US-09-866-108A-9424/C
Sequence 9424, Application US/09866108A
Patent No. 6686188
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharon G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
PRIOR FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: US 60/226,359
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
Remaining Prior Application data removed - See File Wrapper or PALM.
SOFTWARE: Aeomica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 9424
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-9424
```

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; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 9424
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-9424

Query Match          1.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 3.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Cy      346 GCTGCTCTCTGAGCTC 362
Db      17 GCTTGTCTCTGAGCTC 1

RESULT 539
US-09-866-108A-9427/C
; Sequence 9427, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wenheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AECOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263,6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 9427
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-9427

Query Match          1.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 3.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Cy      343 CAAGCTGCTCTCTGAG 359
Db      17 GCTTGTCTCTGAGCTC 1
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Db      17 CAGGCTTGTCTCTGAG 1

RESULT 540
US-09-544-398B-255/C
; Sequence 255, Application US/09544398B
; Patent No. 6770461
; GENERAL INFORMATION:
; APPLICANT: Carulli, John P.
; APPLICANT: Little, Randall D.
; APPLICANT: Recker, Robert R.
; APPLICANT: Johnson, Mark L.
; TITLE OF INVENTION: High bone mass gene of 11q13.3
; FILE REFERENCE: 032796-013
; CURRENT APPLICATION NUMBER: US/09/544,398B
; PRIOR FILING DATE: 2002-06-10
; PRIOR APPLICATION NUMBER: US 09/229,319
; PRIOR FILING DATE: 1999-01-13
; PRIOR APPLICATION NUMBER: US 60/071,449
; PRIOR FILING DATE: 1998-01-13
; PRIOR APPLICATION NUMBER: US 60/105,511
; PRIOR FILING DATE: 1998-10-23
; NUMBER OF SEQ ID NOS: 641
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 255
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-544-398B-255

Query Match          1.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 3.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Cy      994 CCGGCTCAAGCATTC 1010
Db      17 CTGGGTTCAAGCATTC 1

RESULT 541
US-09-544-398B-530
; Sequence 530, Application US/09544398B
; Patent No. 6770461
; GENERAL INFORMATION:
; APPLICANT: Carulli, John P.
; APPLICANT: Little, Randall D.
; APPLICANT: Recker, Robert R.
; APPLICANT: Johnson, Mark L.
; TITLE OF INVENTION: High bone mass gene of 11q13.3
; FILE REFERENCE: 032796-013
; CURRENT APPLICATION NUMBER: US/09/544,398B
; PRIOR FILING DATE: 2002-06-10
; PRIOR APPLICATION NUMBER: US 09/229,319
; PRIOR FILING DATE: 1999-01-13
; PRIOR APPLICATION NUMBER: US 60/071,449
; PRIOR FILING DATE: 1998-01-13
; PRIOR APPLICATION NUMBER: US 60/105,511
; PRIOR FILING DATE: 1998-10-23
; NUMBER OF SEQ ID NOS: 641
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 530
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-544-398B-530

Query Match          1.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 3.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Cy      996 GGGCTCAAGCATTC 1012
Db      1 GCGCTCAAGCATTC 17
```

```
RESULT 542
US-09-081-646-5/c
; Sequence 5, Application US/09081646
; Patent No. 633152
; GENERAL INFORMATION:
; APPLICANT: Kinzler, Kenneth
; APPLICANT: Vogelstein, Bert
; APPLICANT: Zhang, Lin
; APPLICANT: Zhou, Wei
; TITLE OF INVENTION: Gene Expression Profiles in No. 633152mal and
; FILE REFERENCE: 01107.74664
; CURRENT APPLICATION NUMBER: US/09/081,646
; EARLIER FILING DATE: 1998-05-20
; EARLIER APPLICATION NUMBER: 60/047,352
; NUMBER OF SEQ ID NOS: 871
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 5
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-081-646-5

Query Match      1.4%; Score 13.6; DB 1; Length 15;
Best Local Similarity 92.9%; Pred. No. 3.4e+02;
Matches 13; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY      1091 CGGGGTTTCACCAT 1104
DB      15 YGGGGTTTCACCAT 2

RESULT 543
US-08-832-021-19
; Sequence 19, Application US/08832021
; Patent No. 6045998
; GENERAL INFORMATION:
; APPLICANT: Combates, N.
; APPLICANT: Pardinas, J.
; APPLICANT: Parimoo, S.
; APPLICANT: Prouty, S.
; APPLICANT: Stemm, K.
; TITLE OF INVENTION: IMPROVED TECHNIQUE FOR DIFFERENTIAL DISPLAY
; FILE REFERENCE: JBP-382
; CURRENT APPLICATION NUMBER: US/08/832,021
; CURRENT FILING DATE: 1997-04-02
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 19
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer
US-08-832-021-19

Query Match      1.4%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 3.4e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      434 TTTATTTTATTAAG 448
DB      1 TTTTATTTTATTAAG 15

RESULT 544
US-09-081-646-3/c
; Sequence 3, Application US/09081646
; Patent No. 633152
; GENERAL INFORMATION:
; APPLICANT: Kinzler, Kenneth
; APPLICANT: Vogelstein, Bert
; APPLICANT: Zhang, Lin
; APPLICANT: Zhou, Wei
; TITLE OF INVENTION: Gene Expression Profiles in No. 633152mal and
; FILE REFERENCE: 01107.74664
; CURRENT APPLICATION NUMBER: US/09/081,646
; EARLIER FILING DATE: 1997-05-21
; EARLIER APPLICATION NUMBER: 60/047,352
; NUMBER OF SEQ ID NOS: 871
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 3
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-081-646-3

Query Match      1.4%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 3.4e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      397 GGGATTACAGGCGTG 411
DB      15 GGGATTACAGGCGTG 1

RESULT 545
US-09-081-646-11
; Sequence 11, Application US/09081646
; Patent No. 633152
; GENERAL INFORMATION:
; APPLICANT: Kinzler, Kenneth
; APPLICANT: Vogelstein, Bert
; APPLICANT: Zhang, Lin
; APPLICANT: Zhou, Wei
; TITLE OF INVENTION: Gene Expression Profiles in No. 633152mal and
; FILE REFERENCE: 01107.74664
; CURRENT APPLICATION NUMBER: US/09/081,646
; EARLIER FILING DATE: 1997-05-21
; EARLIER APPLICATION NUMBER: 60/047,352
; NUMBER OF SEQ ID NOS: 871
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 11
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-081-646-11

Query Match      1.4%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 3.4e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      198 CATGTTGGTCAGGCT 212
DB      1 CATGTTGGTCAGGCT 15

RESULT 546
US-09-081-646-400/c
; Sequence 400, Application US/09081646
; Patent No. 633152
; GENERAL INFORMATION:
; APPLICANT: Kinzler, Kenneth
; APPLICANT: Vogelstein, Bert
; APPLICANT: Zhang, Lin
; APPLICANT: Zhou, Wei
; TITLE OF INVENTION: Gene Expression Profiles in No. 633152mal and
; FILE REFERENCE: 01107.74664
```

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; CURRENT APPLICATION NUMBER: US/09/081,646
; CURRENT FILING DATE: 1998-05-20
; EARLIER APPLICATION NUMBER: 60/047,352
; EARLIER FILING DATE: 1997-05-21
; NUMBER OF SEQ ID NOS: 871
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 400
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-081-646-400

Query Match
Best Local Similarity 93.3%; Score 13.4; DB 1; Length 15;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 393 TGCTGGATTACAG 407
DB 15 TGCTGGATTACAG 1

RESULT 547
US-09-081-646-483
; Sequence 483, Application US/09081646
; Patent No. 6333152
; GENERAL INFORMATION:
; APPLICANT: Kinzler, Kenneth
; APPLICANT: Vogelstein, Bert
; APPLICANT: Zhou, Lin
; TITLE OF INVENTION: Gene Expression Profiles in No. 6333152mal and
; FILE REFERENCE: 01107.74664
; CURRENT APPLICATION NUMBER: US/09/081,646
; CURRENT FILING DATE: 1998-05-20
; EARLIER APPLICATION NUMBER: 60/047,352
; EARLIER FILING DATE: 1997-05-21
; NUMBER OF SEQ ID NOS: 871
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 483
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-081-646-483

Query Match
Best Local Similarity 93.3%; Score 13.4; DB 1; Length 15;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 198 CATGTTGTCAGGCT 212
DB 1 CATGTTGTCAGGCT 15

RESULT 548
US-09-081-646-492/C
; Sequence 492, Application US/09081646
; Patent No. 6333152
; GENERAL INFORMATION:
; APPLICANT: Kinzler, Kenneth
; APPLICANT: Vogelstein, Bert
; APPLICANT: Zhang, Lin
; APPLICANT: Zhou, Wei
; TITLE OF INVENTION: Gene Expression Profiles in No. 6333152mal and
; FILE REFERENCE: 01107.74664
; CURRENT APPLICATION NUMBER: US/09/081,646
; CURRENT FILING DATE: 1998-05-20
; EARLIER APPLICATION NUMBER: 60/047,352
; EARLIER FILING DATE: 1997-05-21
; NUMBER OF SEQ ID NOS: 871
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 492
```

```

; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-081-646-492

Query Match
Best Local Similarity 93.3%; Score 13.4; DB 1; Length 15;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 877 GCGTGAGCCACG 891
DB 15 GCGTGAGCCACG 1

RESULT 549
US-09-475-947A-164
; Sequence 164, Application US/09475947A
; Patent No. 6472154
; GENERAL INFORMATION:
; APPLICANT: Garner, Harold R.
; APPLICANT: Wren, Jonathan D.
; APPLICANT: Minna, John D.
; TITLE OF INVENTION: Polymorphic Repeats in Human Genes
; FILE REFERENCE: UTS0667
; CURRENT APPLICATION NUMBER: US/09/475,947A
; CURRENT FILING DATE: 1999-12-31
; NUMBER OF SEQ ID NOS: 346
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 164
; LENGTH: 15
; TYPE: DNA
; ORGANISM: human
US-09-475-947A-164

Query Match
Best Local Similarity 93.3%; Score 13.4; DB 1; Length 15;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 429 TTTATTTATTTT 443
DB 1 TTTATTTATTTT 15

RESULT 550
US-08-952-376-2
; Sequence 2, Application US/08952376
; Patent No. 6146855
; GENERAL INFORMATION:
; APPLICANT: Williams, Keith L
; APPLICANT: Vesey, Graham
; APPLICANT: Veal, Duncan
; APPLICANT: Ashbolt, Nicholas J
; APPLICANT: Dorsch, Mathias
; TITLE OF INVENTION: Method for the Detection of Viable
; NUMBER OF SEQUENCES: 4
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Brinks, Hofer, Gilson & Lione
; STREET: 455 No. 6146855th Clytfront Plaza Drive
; CITY: Chicago
; STATE: IL
; COUNTRY: USA
; ZIP: 60611-5599
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.24
; CURRENT APPLICATION DATA: US/08/952,376
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
```

APPLICATION NUMBER: US PCT/AU96/00274  
FILING DATE: 06-MAY-1996  
ATTORNEY/AGENT INFORMATION:  
NAME: Martin, Alice  
INFORMATION FOR SEQ ID NO: 2:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 16 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: cDNA  
US-08-952-376-2

Query Match 1.4%; Score 13.4; DB 1; Length 16;  
Best Local Similarity 93.3%; Pred. No. 3.6e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
QY 168 TATTTTCTTTTACTA 182  
DB 1 TTTTCTTTTCTTACTA 15

RESULT 551  
US-09-018-584A-127/C  
Sequence 127, Application US/09018584A  
Patent No. 6238863  
GENERAL INFORMATION:  
APPLICANT: Schumm, James W.  
TITLE OF INVENTION: MATERIALS AND METHODS FOR  
IDENTIFYING AND ANALYZING INTERMEDIATE TANDEM  
REPEAT DNA MARKERS  
NUMBER OF SEQUENCES: 147  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Promega Corporation  
STREET: 2800 Woods Hollow Road  
CITY: Madison  
STATE: Wisconsin  
COUNTRY: U.S.A.  
ZIP: 53711-5399  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette - 3.5 inch, 1.44 Mb  
COMPUTER: IBM compatible PC  
OPERATING SYSTEM: Windows 95  
SOFTWARE: Word 97 (DOS text format)  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/018,584A  
FILING DATE: 04-Feb-1998  
CLASSIFICATION:  
ATTORNEY/AGENT INFORMATION:  
NAME: Grady J. Frenchick  
REGISTRATION NUMBER: 29,018  
REFERENCE/DOCKET NUMBER: 16026.9180  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (608) 257-3501  
TELEFAX: (608) 257-2275  
INFORMATION FOR SEQ ID NO: 127:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 16  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
US-09-018-584A-127

Query Match 1.4%; Score 13.4; DB 1; Length 16;  
Best Local Similarity 93.3%; Pred. No. 3.6e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
QY 651 GGAGTGCAGTGGCCG 665  
DB 15 GGAGTGCAGTGGCCG 1

RESULT 552  
US-09-371-772B-6097  
Sequence 6097, Application US/09371772B  
Patent No. 6566127  
GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals, Inc.  
APPLICANT: Pavco, Pam  
APPLICANT: McSwiggen, Jim  
APPLICANT: Stinchcomb, Dan  
APPLICANT: Escobedo, Jaime  
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re-  
lated to Vascular Endothelial Growth Factor Receptor  
FILE REFERENCE: MHB00, 876-J (237/198)  
CURRENT APPLICATION NUMBER: US/09/371,772B  
CURRENT FILING DATE: 1999-08-10  
PRIOR APPLICATION NUMBER: US 60/005,974  
PRIOR FILING DATE: 1995-10-26  
PRIOR APPLICATION NUMBER: US 08/584,040  
PRIOR FILING DATE: 1996-01-08  
NUMBER OF SEQ ID NOS: 14225  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 6097  
LENGTH: 16  
TYPE: RNA  
ORGANISM: Homo sapiens  
US-09-371-772B-6097

Query Match 1.4%; Score 13.4; DB 1; Length 16;  
Best Local Similarity 20.0%; Pred. No. 3.6e+02;  
Matches 3; Conservative 11; Mismatches 1; Indels 0; Gaps 0;  
QY 908 TTTTGTGTTTGA 922  
DB 2 UUUUGUUUUUUUA 16

RESULT 553  
US-09-829-855-171  
Sequence 171, Application US/09829855  
Patent No. 6613520  
GENERAL INFORMATION:  
APPLICANT: Matthew, Ashby N.  
TITLE OF INVENTION: Methods for the Survey and Genetic Analysis of Populations  
FILE REFERENCE: ASHBY-1  
CURRENT APPLICATION NUMBER: US/09/829,855  
CURRENT FILING DATE: 2001-04-10  
PRIOR APPLICATION NUMBER: US 60/196063  
PRIOR FILING DATE: 2000-04-10  
PRIOR APPLICATION NUMBER: US 60/196258  
PRIOR FILING DATE: 2000-04-11  
NUMBER OF SEQ ID NOS: 244  
SOFTWARE: PatentIn version 3.1  
SEQ ID NO 171  
LENGTH: 16  
TYPE: DNA  
ORGANISM: Desulfohalobacter curvatus  
FEATURE:  
NAME/KEY: misc feature  
LOCATION: (11)-(11)  
OTHER INFORMATION: A, G, C or T  
US-09-829-855-171

Query Match 1.4%; Score 13.4; DB 1; Length 16;  
Best Local Similarity 87.5%; Pred. No. 3.6e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 333 CTGATGTGCCCAAGCT 348  
DB 1 CTGCTGTGCCCAAGCT 16

RESULT 554  
US-09-479-005A-261

Sequence 261, Application US/09479005A  
Patent No. 6656731  
GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals, Inc.  
TITLE OF INVENTION: Nucleic Acid Catalysts with Endonuclease Activity  
FILE REFERENCE: MBH00-884-C  
CURRENT APPLICATION NUMBER: US/09/479,005A  
PRIOR FILING DATE: 2000-01-07  
PRIOR APPLICATION NUMBER: US 09/444,209  
PRIOR FILING DATE: 1999-11-19  
PRIOR APPLICATION NUMBER: US 09/159,274  
PRIOR FILING DATE: 1998-09-22  
PRIOR APPLICATION NUMBER: US 60/059,473  
PRIOR FILING DATE: 1997-09-22  
NUMBER OF SEQ ID NOS: 1208  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO: 261  
LENGTH: 16  
TYPE: RNA  
ORGANISM: Homo sapiens  
US-09-479-005A-261

Query Match 1.4% Score 13.4; DB 1; Length 16;  
Best Local Similarity 73.3%; Pred. No. 3.6e+02;  
Matches 11; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

OY 655 TGCACTGGCGCATC 669  
DB 2 UGCAGUGGCCAUC 16

RESULT 555  
US-09-479-005A-263  
Sequence 263, Application US/09479005A  
Patent No. 6656731  
GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals, Inc.  
TITLE OF INVENTION: Nucleic Acid Catalysts with Endonuclease Activity  
FILE REFERENCE: MBH00-884-C  
CURRENT APPLICATION NUMBER: US/09/479,005A  
PRIOR FILING DATE: 2000-01-07  
PRIOR APPLICATION NUMBER: US 09/444,209  
PRIOR FILING DATE: 1999-11-19  
PRIOR APPLICATION NUMBER: US 09/159,274  
PRIOR FILING DATE: 1998-09-22  
PRIOR APPLICATION NUMBER: US 60/059,473  
PRIOR FILING DATE: 1997-09-22  
NUMBER OF SEQ ID NOS: 1208  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO: 263  
LENGTH: 16  
TYPE: RNA  
ORGANISM: Homo sapiens  
US-09-479-005A-263

Query Match 1.4% Score 13.4; DB 1; Length 16;  
Best Local Similarity 66.7%; Pred. No. 3.6e+02;  
Matches 10; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

OY 997 GGCTCAGCGATTC 1011  
DB 2 GGUUCAGCGAUCU 16

RESULT 556  
US-09-479-005A-265  
Sequence 265, Application US/09479005A  
Patent No. 6656731  
GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals, Inc.  
TITLE OF INVENTION: Nucleic Acid Catalysts with Endonuclease Activity  
FILE REFERENCE: MBH00-884-C  
CURRENT APPLICATION NUMBER: US/09/479,005A

CURRENT FILING DATE: 2000-01-07  
PRIOR APPLICATION NUMBER: US 09/444,209  
PRIOR FILING DATE: 1999-11-19  
PRIOR APPLICATION NUMBER: US 09/159,274  
PRIOR FILING DATE: 1998-09-22  
PRIOR APPLICATION NUMBER: US 60/059,473  
PRIOR FILING DATE: 1997-09-22  
NUMBER OF SEQ ID NOS: 1208  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO: 265  
LENGTH: 16  
TYPE: RNA  
ORGANISM: Homo sapiens  
US-09-479-005A-265

Query Match 1.4% Score 13.4; DB 1; Length 16;  
Best Local Similarity 73.3%; Pred. No. 3.6e+02;  
Matches 11; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

OY 719 CAGCTCCTGAGTAG 733  
DB 2 CGCCUCCUAGUNG 16

RESULT 557  
US-09-784-423-127/C  
Sequence 127, Application US/097844423  
Patent No. 6767703  
GENERAL INFORMATION:  
APPLICANT: Schumm, James W.  
Bacher, Jeffery W.  
TITLE OF INVENTION: MATERIALS AND METHODS FOR  
IDENTIFYING AND ANALYZING INTERMEDIATE TANDEM  
REPEAT DNA MARKERS  
NUMBER OF SEQUENCES: 147  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Promega Corporation  
STREET: 2800 Woods Hollow Road  
CITY: Madison  
STATE: Wisconsin  
COUNTRY: U.S.A.  
ZIP: 53711-5399  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette - 3.5 inch, 1.44 MB  
COMPUTER: IBM compatible PC  
OPERATING SYSTEM: Windows 95  
SOFTWARE: Word 97 (DOS text format)  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/784,423  
FILING DATE: 15-Feb-2001  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 09/018,584  
FILING DATE: 04-Feb-1998  
ATTORNEY/AGENT INFORMATION:  
NAME: Grady J. Frenchick  
REGISTRATION NUMBER: 29, 018  
REFERENCE/DOCKET NUMBER: 16026, 9180  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (608) 257-2275  
TELEFAX: (608) 257-2275  
INFORMATION FOR SEQ ID NO: 127  
SEQUENCE CHARACTERISTICS:  
LENGTH: 16  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
SEQUENCE DESCRIPTION: SEQ ID NO: 127  
US-09-784-423-127

Query Match 1.4% Score 13.4; DB 1; Length 16;  
Best Local Similarity 93.3%; Pred. No. 3.6e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;



QY 651 GGAGTGCAGTGGCC 665  
 DB 15 GGAGTGCAGTGGCC 1

RESULT 558  
 US-09-544-398B-549  
 Sequence 549, Application US/09544398B  
 Patent No. 6770461  
 GENERAL INFORMATION:  
 APPLICANT: Carulli, John P.  
 APPLICANT: Little, Randall D.  
 APPLICANT: Recker, Robert R.  
 APPLICANT: Johnson, Mark L.  
 TITLE OF INVENTION: High bone mass gene of 11q13.3  
 FILE REFERENCE: 032796-013  
 CURRENT FILING DATE: 2002-06-10  
 PRIOR FILING DATE: 2002-06-10  
 PRIOR APPLICATION NUMBER: US 09/229,319  
 PRIOR FILING DATE: 1999-01-13  
 PRIOR APPLICATION NUMBER: US 60/071,449  
 PRIOR FILING DATE: 1998-01-13  
 PRIOR APPLICATION NUMBER: US 60/105,511  
 NUMBER OF SEQ ID NOS: 641  
 SOFTWARE: FastSeq for Windows Version 4.0  
 SEQ ID NO 549  
 LENGTH: 16  
 TYPE: DNA  
 ORGANISM: Homo sapiens  
 US-09-544-398B-549

Query Match 1.4%; Score 13.4; DB 1; Length 16;  
 Best Local Similarity 93.3%; Pred. No. 3.6e+02;  
 Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 642 ACCCAGCTGCAGTG 656  
 DB 1 ACCCAGCTGCAGTG 15

RESULT 559  
 US-08-292-620A-211/C  
 Sequence 211, Application US/08292620A  
 Patent No. 5837542  
 GENERAL INFORMATION:  
 APPLICANT: Susan Grimm  
 APPLICANT: Dan T. Stinchcomb  
 APPLICANT: James McSwiggen  
 APPLICANT: Sean Sullivan  
 APPLICANT: Kenneth G. Draper  
 TITLE OF INVENTION: RIBOZYME TREATMENT OF  
 TITLE OF INVENTION: DISEASES OR CONDITIONS  
 TITLE OF INVENTION: RELATED TO LEVELS OF  
 TITLE OF INVENTION: INTRACELLULAR ADHESION  
 TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)  
 NUMBER OF SEQUENCES: 2390  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Lyon & Lyon  
 STREET: 633 West Fifth Street  
 STREET: Suite 4700  
 CITY: Los Angeles  
 STATE: California  
 COUNTRY: U.S.A.  
 ZIP: 90071-2066  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
 MEDIUM TYPE: storage  
 COMPUTER: IBM Compatible  
 OPERATING SYSTEM: IBM P.C. DOS 5.0  
 SOFTWARE: Word Perfect 5.1  
 CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/292,620A  
 FILING DATE: August 17, 1994  
 CLASSIFICATION: 435  
 PRIOR APPLICATION DATA: including application  
 PRIOR APPLICATION DATA: described below:  
 APPLICATION NUMBER: 08/008,895  
 FILING DATE: January 19, 1993  
 APPLICATION NUMBER: 07/989,849  
 FILING DATE: December 7, 1992  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Warburg, Richard J.  
 REGISTRATION NUMBER: 32,327  
 REFERENCE/DOCKET NUMBER: 208/149  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (213) 489-1600  
 TELEFAX: (213) 955-0440  
 TELEX: 67-3510  
 INFORMATION FOR SEQ ID NO: 211:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 15 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 US-08-292-620A-211

Query Match 1.3%; Score 13; DB 1; Length 15;  
 Best Local Similarity 100.0%; Pred. No. 3.6e+02;  
 Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 338 GTGCCCACTGG 350  
 DB 14 GTGCCCACTGG 2

RESULT 560  
 US-09-071-845-211/C  
 Sequence 211, Application US/09071845  
 Patent No. 6132967  
 GENERAL INFORMATION:  
 APPLICANT: Susan Grimm  
 APPLICANT: Dan T. Stinchcomb  
 APPLICANT: James McSwiggen  
 APPLICANT: Sean Sullivan  
 APPLICANT: Kenneth G. Draper  
 TITLE OF INVENTION: RIBOZYME TREATMENT OF  
 TITLE OF INVENTION: DISEASES OR CONDITIONS  
 TITLE OF INVENTION: RELATED TO LEVELS OF  
 TITLE OF INVENTION: INTRACELLULAR ADHESION  
 TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)  
 NUMBER OF SEQUENCES: 2390  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Lyon & Lyon  
 STREET: 633 West Fifth Street  
 STREET: Suite 4700  
 CITY: Los Angeles  
 STATE: California  
 COUNTRY: U.S.A.  
 ZIP: 90071-2066  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
 MEDIUM TYPE: storage  
 COMPUTER: IBM Compatible  
 OPERATING SYSTEM: IBM P.C. DOS 5.0  
 SOFTWARE: Word Perfect 5.1  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/09/071,845  
 FILING DATE:  
 CLASSIFICATION:  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US/08/292,620  
 FILING DATE: August 17, 1994  
 APPLICATION NUMBER: 08/008,895

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; FILING DATE: January 19, 1993
; APPLICATION NUMBER: 07/989,849
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Waiburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 208/149
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 211:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
US-09-071-845-211

Query Match          1.3%; Score 13; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 3.6e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      338 GTGCCCAAGCTGG 350
DB      14 GTGCCCAAGCTGG 2

RESULT 561
US-09-177-359-27
; Sequence 27, Application US/091773598
; Patent No. 6183963
; GENERAL INFORMATION:
; APPLICANT: SINNETT, Daniel
; APPLICANT: LABUDA, Damian
; TITLE OF INVENTION: DETECTION OF CYP1A1, CYP3A4, CYP2D6 AND
; TITLE OF INVENTION: NAT2 VARIANTS BY PCR-ALLELE-SPECIFIC OLIGONUCLEOTIDE (ASO)
; TITLE OF INVENTION: ASSAY
; FILE REFERENCE: 12667-17"US" FC/1d
; CURRENT APPLICATION NUMBER: US/09177,3598
; CURRENT FILING DATE: 1998-10-23
; NUMBER OF SEQ ID NOS: 37
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 27
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: cDNA for use as probes
;
US-09-177-359-27

Query Match          1.3%; Score 13; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 3.6e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      990 CCTCCCGGAGCTCA 1002
DB      3 CCTCCCGGAGCTCA 15

RESULT 562
US-09-081-646-10/C
; Sequence 10, Application US/09081646
; Patent No. 6333152
; GENERAL INFORMATION:
; APPLICANT: Kinzler, Kenneth
; APPLICANT: Vogelstein, Bert
; APPLICANT: Zhang, Lin
; APPLICANT: Zhou, Wei
; TITLE OF INVENTION: Gene Expression Profiles in No. 6333152mal and
; TITLE OF INVENTION: Cancer Cells
; FILE REFERENCE: 01107.74664
; CURRENT APPLICATION NUMBER: US/09/081,646
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; CURRENT FILING DATE: 1998-05-20
; EARLIER APPLICATION NUMBER: 60/047,352
; EARLIER FILING DATE: 1997-05-21
; NUMBER OF SEQ ID NOS: 871
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 10
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo sapiens
;
US-09-081-646-10

Query Match          1.3%; Score 13; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 3.6e+02;
Matches 13; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY      1125 ACTCCTGACCTCAGG 1139
DB      15 WCTCCTGACCTCATG 1

RESULT 563
US-09-081-646-841/C
; Sequence 841, Application US/09081646
; Patent No. 6333152
; GENERAL INFORMATION:
; APPLICANT: Kinzler, Kenneth
; APPLICANT: Vogelstein, Bert
; APPLICANT: Zhang, Lin
; APPLICANT: Zhou, Wei
; TITLE OF INVENTION: Gene Expression Profiles in No. 6333152mal and
; TITLE OF INVENTION: Cancer Cells
; FILE REFERENCE: 01107.74664
; CURRENT APPLICATION NUMBER: US/09/081,646
; CURRENT FILING DATE: 1998-05-20
; EARLIER APPLICATION NUMBER: 60/047,352
; EARLIER FILING DATE: 1997-05-21
; NUMBER OF SEQ ID NOS: 871
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 841
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo sapiens
;
US-09-081-646-841

Query Match          1.3%; Score 13; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 3.6e+02;
Matches 13; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY      1125 ACTCCTGACCTCAGG 1139
DB      15 WCTCCTGACCTCATG 1

RESULT 564
US-09-918-686-102
; Sequence 102, Application US/09918686
; Patent No. 6475739
; GENERAL INFORMATION:
; APPLICANT: Brunkow, Mary
; APPLICANT: Prohl, Sean
; APPLICANT: Paepker, Bryan
; APPLICANT: Staehling-Hampton, Karen
; TITLE OF INVENTION: METHODS FOR IDENTIFYING
; TITLE OF INVENTION: GENOMIC DELETIONS
; FILE REFERENCE: 240083.515
; CURRENT APPLICATION NUMBER: US/09/918,686
; CURRENT FILING DATE: 2001-07-30
; NUMBER OF SEQ ID NOS: 105
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 102
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Homo sapiens
```

US-09-918-686-102

Query Match 1.3%; Score 13; DB 1; Length 16;  
Best Local Similarity 100.0%; Pred. No. 3.9e+02;  
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 283 ACCATGCCCGGCT 285

Db 1 ACCATGCCCGGCT 13

RESULT 565

US-09-443-199C-913/C  
Sequence 913, Application US/09443199C

Patent No. 6670464

GENERAL INFORMATION:

APPLICANT: Shimkets, Richard A.

APPLICANT: Leach, Martin

TITLE OF INVENTION: Nucleic Acids Containing Single Nucleotide

FILE REFERENCE: 15966-534A

CURRENT APPLICATION NUMBER: US/09/443,199C

PRIOR FILING DATE: 1999-11-16

PRIOR APPLICATION NUMBER: 60/109,024

NUMBER OF SEQ ID NOS: 1272

SOFTWARE: Curagen Patent Formatter Version 0.9

SEQ ID NO 913

LENGTH: 51

TYPE: DNA

ORGANISM: Homo sapiens

FEATURE:

NAME/KEY: misc feature

LOCATION: (26)...(0)

OTHER INFORMATION: 1 of 2 allelic variants (914 is other entry)

NAME/KEY: misc feature

LOCATION: (0)...(0)

OTHER INFORMATION: Accession number CG43972482

US-09-443-199C-913

Query Match 1.3%; Score 13; DB 1; Length 51;  
Best Local Similarity 65.5%; Pred. No. 5e+02;  
Matches 19; Conservative 0; Mismatches 10; Indels 0; Gaps 0;

Qy 260 AAGTCTAGATACAGACTGCCACCATG 288

Db 50 AGAGTTGAGACGACGCTGACCACTG 22

RESULT 566

US-09-443-199C-914/C  
Sequence 914, Application US/09443199C

Patent No. 6670464

GENERAL INFORMATION:

APPLICANT: Shimkets, Richard A.

APPLICANT: Leach, Martin

TITLE OF INVENTION: Nucleic Acids Containing Single Nucleotide

FILE REFERENCE: 15966-534A

CURRENT APPLICATION NUMBER: US/09/443,199C

PRIOR FILING DATE: 1999-11-16

PRIOR APPLICATION NUMBER: 60/109,024

NUMBER OF SEQ ID NOS: 1272

SOFTWARE: Curagen Patent Formatter Version 0.9

SEQ ID NO 914

LENGTH: 51

TYPE: DNA

ORGANISM: Homo sapiens

FEATURE:

NAME/KEY: misc feature

LOCATION: (26)...(0)

OTHER INFORMATION: 2 of 2 allelic variants (913 is other entry)

NAME/KEY: misc feature

LOCATION: (0)...(0)  
OTHER INFORMATION: Accession number CG43972482

US-09-443-199C-914

Query Match 1.3%; Score 13; DB 1; Length 51;  
Best Local Similarity 65.5%; Pred. No. 5e+02;  
Matches 19; Conservative 0; Mismatches 10; Indels 0; Gaps 0;

Qy 260 AAGTCTAGATACAGACTGCCACCATG 288

Db 50 AGAGTTGAGACGACGCTGACCACTG 22

RESULT 567

US-09-384-327-6  
Sequence 6, Application US/09384327

Patent No. R337806

GENERAL INFORMATION:

APPLICANT: Grinnell, Brian W.

TITLE OF INVENTION: METHOD FOR COMPLICATION OF HUMAN

PROTEIN C GENES IN HUMAN CELLS

NUMBER OF SEQUENCES: 21

CORRESPONDENCE ADDRESS:

ADDRESSEE: Eli Lilly and Company

STREET: Lilly Corporate Center/Patent Division

CITY: Indianapolis

STATE: IN

COUNTRY: US

ZIP: 46285

COMPUTER READABLE FORM:

MEDIUM TYPE: floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/384,327

FILING DATE: 16-Aug-1999

CLASSIFICATION: &lt;Unknown&gt;

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/458,372

FILING DATE: 02-JUN-1995

ATTORNEY/AGENT INFORMATION:

NAME: NO. R337806man, Douglas K.

REGISTRATION NUMBER: 33,267

REFERENCE/DOCKET NUMBER: X-66061

TELECOMMUNICATION INFORMATION:

TELEPHONE: 317-276-2958

TELEFAX: 317-277-1917

INFORMATION FOR SEQ ID NO: 6:

SEQUENCE CHARACTERISTICS:

LENGTH: 16 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULAR TYPE: DNA (genomic)

SEQUENCE DESCRIPTION: SEQ ID NO: 6:

US-09-384-327-6

Query Match 1.3%; Score 12.8; DB 1; Length 16;  
Best Local Similarity 87.5%; Pred. No. 4.1e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 815 GATCTGATCTCGA 830

Db 1 GATCTGATCTCGA 16

RESULT 568

US-07-971-978-36  
Sequence 36, Application US/07971978

Patent No. 5614617

GENERAL INFORMATION:

APPLICANT: Cook and Sanghvi  
TITLE OF INVENTION: Nuclease Resistant, Pyrimidine  
TITLE OF INVENTION: Modified Oligonucleotides that Detect and Modulate  
TITLE OF INVENTION: Gene Expression  
NUMBER OF SEQUENCES: 65  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz and  
ADDRESSEE: No. 561461718  
STREET: One Liberty Place - 46th Floor  
CITY: Philadelphia  
STATE: PA  
COUNTRY: U.S.A.  
ZIP: 19103  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: WordPerfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/07/971,978  
FILING DATE: February 18, 1993  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/558,806  
FILING DATE: July 27, 1990  
ATTORNEY/AGENT INFORMATION:  
NAME: Joseph Lucchi  
REGISTRATION NUMBER: 33,307  
REFERENCE/DOCKET INFORMATION:  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 215-568-3100  
TELEFAX: 215-568-3439  
INFORMATION FOR SEQ ID NO: 36:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 16 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
FEATURE:  
NAME/KEY: Modified-site  
LOCATION: 1  
OTHER INFORMATION: 5-fluoro-2'-deoxyuridine  
OTHER INFORMATION: substitution  
FEATURE:  
NAME/KEY: Modified-site  
LOCATION: 2  
OTHER INFORMATION: 5-fluoro-2'-deoxyuridine  
OTHER INFORMATION: substitution  
FEATURE:  
NAME/KEY: Modified-site  
LOCATION: 3  
OTHER INFORMATION: 5-fluoro-2'-deoxyuridine  
OTHER INFORMATION: substitution  
FEATURE:  
NAME/KEY: Modified-site  
LOCATION: 4  
OTHER INFORMATION: 5-fluoro-2'-deoxyuridine  
OTHER INFORMATION: substitution  
FEATURE:  
NAME/KEY: Modified-site  
LOCATION: 5  
OTHER INFORMATION: 5-fluoro-2'-deoxyuridine  
OTHER INFORMATION: substitution  
FEATURE:  
NAME/KEY: Modified-site  
LOCATION: 6  
OTHER INFORMATION: 5-fluoro-2'-deoxyuridine  
OTHER INFORMATION: substitution  
FEATURE:  
NAME/KEY: Modified-site  
LOCATION: 7  
OTHER INFORMATION: 5-fluoro-2'-deoxyuridine

OTHER INFORMATION: substitution  
FEATURE:  
NAME/KEY: Modified-site  
LOCATION: 8  
OTHER INFORMATION: 5-fluoro-2'-deoxyuridine  
OTHER INFORMATION: substitution  
FEATURE:  
NAME/KEY: Modified-site  
LOCATION: 9  
OTHER INFORMATION: 5-fluoro-2'-deoxyuridine  
OTHER INFORMATION: substitution  
FEATURE:  
NAME/KEY: Modified-site  
LOCATION: 10  
OTHER INFORMATION: 5-fluoro-2'-deoxyuridine  
OTHER INFORMATION: substitution  
FEATURE:  
NAME/KEY: Modified-site  
LOCATION: 11  
OTHER INFORMATION: 5-fluoro-2'-deoxyuridine  
OTHER INFORMATION: substitution  
FEATURE:  
NAME/KEY: Modified-site  
LOCATION: 12  
OTHER INFORMATION: 5-fluoro-2'-deoxyuridine  
OTHER INFORMATION: substitution  
FEATURE:  
NAME/KEY: Modified-site  
LOCATION: 13  
OTHER INFORMATION: 5-fluoro-2'-deoxyuridine  
OTHER INFORMATION: substitution  
FEATURE:  
NAME/KEY: Modified-site  
LOCATION: 14  
OTHER INFORMATION: 5-fluoro-2'-deoxyuridine  
OTHER INFORMATION: substitution  
FEATURE:  
NAME/KEY: Modified-site  
LOCATION: 15  
OTHER INFORMATION: 5-fluoro-2'-deoxyuridine  
OTHER INFORMATION: substitution  
US-07-971-978-36  
Query Match 1.3%; Score 12.8; DB 1; Length 16;  
Best Local Similarity 87.5%; Pred. No. 4.1e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 163 TTTTGATTTTTTTT 178  
DB 1 TTTTTTTTTTTTTT 16  
RESULT 569  
US-07-971-978-42  
Sequence 42, Application US/07971978  
Patent No. 5614617  
GENERAL INFORMATION:  
APPLICANT: Cook and Sanghvi  
TITLE OF INVENTION: Nuclease Resistant, Pyrimidine  
TITLE OF INVENTION: Modified Oligonucleotides that Detect and Modulate  
NUMBER OF SEQUENCES: 65  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz and  
ADDRESSEE: No. 561461718  
STREET: One Liberty Place - 46th Floor  
CITY: Philadelphia  
STATE: PA  
COUNTRY: U.S.A.  
ZIP: 19103  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: WordPerfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/07/971,978  
FILING DATE: February 18, 1993  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/558,806  
FILING DATE: July 27, 1990  
ATTORNEY/AGENT INFORMATION:  
NAME: Joseph Lucci  
REGISTRATION NUMBER: 33,307  
REFERENCE/DOCKET NUMBER: ISIS-0333  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 215-568-3100  
TELEFAX: 215-568-3439  
INFORMATION FOR SEQ ID NO: 42:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 16 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
FEATURE:  
NAME/KEY: Modified-site  
LOCATION: 1  
OTHER INFORMATION: 5-bromo-2'-deoxyuridine  
FEATURE:  
NAME/KEY: Modified-site  
LOCATION: 2  
OTHER INFORMATION: 5-bromo-2'-deoxyuridine  
FEATURE:  
NAME/KEY: Modified-site  
LOCATION: 3  
OTHER INFORMATION: 5-bromo-2'-deoxyuridine  
FEATURE:  
NAME/KEY: Modified-site  
LOCATION: 4  
OTHER INFORMATION: 5-bromo-2'-deoxyuridine  
FEATURE:  
NAME/KEY: Modified-site  
LOCATION: 5  
OTHER INFORMATION: 5-bromo-2'-deoxyuridine  
FEATURE:  
NAME/KEY: Modified-site  
LOCATION: 6  
OTHER INFORMATION: 5-bromo-2'-deoxyuridine  
FEATURE:  
NAME/KEY: Modified-site  
LOCATION: 7  
OTHER INFORMATION: 5-bromo-2'-deoxyuridine  
FEATURE:  
NAME/KEY: Modified-site  
LOCATION: 8  
OTHER INFORMATION: 5-bromo-2'-deoxyuridine  
FEATURE:  
NAME/KEY: Modified-site  
LOCATION: 9  
OTHER INFORMATION: 5-bromo-2'-deoxyuridine  
FEATURE:  
NAME/KEY: Modified-site  
LOCATION: 10  
OTHER INFORMATION: 5-bromo-2'-deoxyuridine  
OTHER INFORMATION: substitution

FEATURE:  
NAME/KEY: Modified-site  
LOCATION: 11  
OTHER INFORMATION: 5-bromo-2'-deoxyuridine  
FEATURE:  
NAME/KEY: Modified-site  
LOCATION: 12  
OTHER INFORMATION: 5-bromo-2'-deoxyuridine  
FEATURE:  
NAME/KEY: Modified-site  
LOCATION: 13  
OTHER INFORMATION: 5-bromo-2'-deoxyuridine  
FEATURE:  
NAME/KEY: Modified-site  
LOCATION: 14  
OTHER INFORMATION: 5-bromo-2'-deoxyuridine  
FEATURE:  
NAME/KEY: Modified-site  
LOCATION: 15  
OTHER INFORMATION: 5-bromo-2'-deoxyuridine  
OTHER INFORMATION: substitution  
US-07-971-978-42  
Query Match 1.3%; Score 12.8; DB 1; Length 16;  
Best Local Similarity 87.5%; Pred. No. 4.1e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 163 TTTTGTATTTT TTTT 178  
Db 1 TTTT TTTT TTTT 16  
RESULT 570  
US-07-971-978-60  
Sequence 60, Application US/07971978  
Patent No. 5614617  
GENERAL INFORMATION:  
APPLICANT: Cook and Sanghvi  
TITLE OF INVENTION: Nuclease Resistant, Pyrimidine  
TITLE OF INVENTION: Modified Oligonucleotides that Detect and Modulate  
NUMBER OF SEQUENCES: 65  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz and  
STREET: One Liberty Place - 46th Floor  
CITY: Philadelphia  
STATE: PA  
COUNTRY: U.S.A.  
ZIP: 19103  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: WordPerfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/07/971,978  
FILING DATE: February 18, 1993  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/558,806  
FILING DATE: July 27, 1990  
ATTORNEY/AGENT INFORMATION:  
NAME: Joseph Lucci  
REGISTRATION NUMBER: 33,307  
REFERENCE/DOCKET NUMBER: ISIS-0333  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 215-568-3100  
TELEFAX: 215-568-3439



Patent No. 5705343  
GENERAL INFORMATION:  
APPLICANT: DRAVNA, DENNIS T.  
APPLICANT: FEDER, JOHN N.  
APPLICANT: GNIKE, ANDREAS  
APPLICANT: KIMMEL, BRUCE E.  
APPLICANT: THOMAS, WINSTON J.  
APPLICANT: WOLFF, ROGER K.  
TITLE OF INVENTION: METHOD TO DIAGNOSE HEREDITARY  
TITLE OF INVENTION: HEMOCHROMATOSIS  
NUMBER OF SEQUENCES: 124  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: MORRISON & FOERSTER  
STREET: 2000 Pennsylvania Ave. N.W., Suite 5500  
CITY: Washington  
STATE: DC  
COUNTRY: USA  
ZIP: 20006-1888  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/599,252  
FILING DATE: 09-FEB-1996  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: MURASHIGE, KATE H.  
REGISTRATION NUMBER: 29,959  
REFERENCE/DOCKET NUMBER: 9053-0001.21  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (202) 887-1500  
TELEFAX: (202) 887-0763  
TELEX: 90-4030  
INFORMATION FOR SEQ ID NO: 29:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 16 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-599-252-29  
Query Match 1.3%; Score 12.8; DB 1; Length 16;  
Best local Similarity 87.5%; Pred. No. 4.1e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 651 GGAGTGCAGTGGCGCA 666  
DB 16 GGAGTGCATGGAGCA 1  
RESULT 573  
US-08-436-074-29/c  
Sequence 29, Application US/08436074  
Patent No. 5753438  
GENERAL INFORMATION:  
APPLICANT: DRAVNA, DENNIS T.  
APPLICANT: FEDER, JOHN N.  
APPLICANT: GNIKE, ANDREAS  
APPLICANT: KIMMEL, BRUCE E.  
APPLICANT: THOMAS, WINSTON J.  
APPLICANT: WOLFF, ROGER K.  
TITLE OF INVENTION: METHOD TO DIAGNOSE HEREDITARY  
TITLE OF INVENTION: HEMOCHROMATOSIS  
NUMBER OF SEQUENCES: 57  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: MORRISON & FOERSTER  
STREET: 2000 Pennsylvania Ave. N.W., Suite 5500  
CITY: Washington  
STATE: DC  
COUNTRY: USA  
ZIP: 20006-1888

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/436,074  
FILING DATE: 08-MAY-1995  
CLASSIFICATION: 436  
ATTORNEY/AGENT INFORMATION:  
NAME: MURASHIGE, KATE H.  
REGISTRATION NUMBER: 29,959  
REFERENCE/DOCKET NUMBER: 9053-0001.00  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (202) 887-1500  
TELEFAX: (202) 887-0763  
TELEX: 90-4030  
INFORMATION FOR SEQ ID NO: 29:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 16 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-436-074-29  
Query Match 1.3%; Score 12.8; DB 1; Length 16;  
Best local Similarity 87.5%; Pred. No. 4.1e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 651 GGAGTGCAGTGGCGCA 666  
DB 16 GGAGTGCATGGAGCA 1  
RESULT 574  
US-08-415-370-2  
Sequence 2, Application US/08415370  
Patent No. 5801155  
GENERAL INFORMATION:  
APPLICANT: Kutyavyn, Igor V.  
APPLICANT: Lukhtanov, Eugeny A.  
APPLICANT: Gampert, Howard B.  
APPLICANT: Meyer, Jr., Rich B.  
TITLE OF INVENTION: COVALENTLY LINKED OLIGONUCLEOTIDE MINOR  
TITLE OF INVENTION: GROOVE BINDER CONJUGATES  
NUMBER OF SEQUENCES: 2  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: KLEIN & SZEKERES  
STREET: 4199 Campus Drive, Suite 700  
CITY: Irvine  
STATE: CA  
COUNTRY: USA  
ZIP: 92715  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/415,370  
FILING DATE: 03-APR-1995  
CLASSIFICATION: 536  
ATTORNEY/AGENT INFORMATION:  
NAME: Szekeres, Gabor L.  
REGISTRATION NUMBER: 28,675  
REFERENCE/DOCKET NUMBER: 491-09-PA  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 714-854-5502  
TELEFAX: 714-854-4897  
INFORMATION FOR SEQ ID NO: 2:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 16 base pairs  
TYPE: nucleic acid

STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-415-370-2

Query Match 1.3%; Score 12.8; DB 1; Length 16;  
Best Local Similarity 87.5%; Pred. No. 4.1e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 163 TTTTGTATTTTTTTT 178  
DB 1 TTTTGTATTTTTTTT 16

RESULT 575  
US-08-687-551-15  
Sequence 15, Application US/08687551  
Patent No. 5856435

GENERAL INFORMATION:  
APPLICANT: BAZILE, Didier  
APPLICANT: EMILE, Carole  
APPLICANT: HELENE, Claude  
APPLICANT: SPENSHAUER, Gilles  
TITLE OF INVENTION: NUCLEIC ACID-CONTAINING COMPOSITION, ITS  
TITLE OF INVENTION: PREPARATION AND USE  
NUMBER OF SEQUENCES: 16  
CURRENT APPLICATION DATA:  
ADDRESSER: Rhone-Poulenc Rorer Inc.  
STREET: 500 Arcola Rd. 3c43  
CITY: Collegeville  
STATE: PA  
COUNTRY: USA  
ZIP: 19426

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/687,551  
FILING DATE:  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: FR 94/01381  
FILING DATE: 08-FEB-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: WO PCT/FR95/00098  
FILING DATE: 27-JAN-1995

ATTORNEY/AGENT INFORMATION:  
NAME: Smith Ph.D., Julie K.  
REGISTRATION NUMBER: 38,619  
REFERENCE/DOCKET NUMBER: ST94007-US  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (610) 454-3839  
TELEFAX: (610) 454-3808  
INFORMATION FOR SEQ ID NO: 15:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 16 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: other nucleic acid  
DESCRIPTION: /desc = "oligonucleotide"

US-08-687-551-15

Query Match 1.3%; Score 12.8; DB 1; Length 16;  
Best Local Similarity 87.5%; Pred. No. 4.1e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 163 TTTTGTATTTTTTTT 178  
DB 1 TTTTGTATTTTTTTT 16

RESULT 576  
US-09-141-764-2  
Sequence 2, Application US/09141764  
Patent No. 6084102

GENERAL INFORMATION:  
APPLICANT: Kutyavin, Igor V.  
APPLICANT: Lukhtanov, Eugene A.  
APPLICANT: Gampert, Howard B.  
APPLICANT: Meyer, Jr., Rich B.  
TITLE OF INVENTION: COVALENTLY LINKED OLIGONUCLEOTIDE  
TITLE OF INVENTION: MINOR  
NUMBER OF SEQUENCES: 2  
CURRENT APPLICATION DATA:  
ADDRESSER: KLEIN & SZEKERES  
STREET: 4199 Campus Drive, Suite 700  
CITY: Irvine  
STATE: CA  
COUNTRY: USA  
ZIP: 92715

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/141,764  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/415,370  
FILING DATE: 03-APR-1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Szekeres, Gabor L.  
REGISTRATION NUMBER: 28,675  
REFERENCE/DOCKET NUMBER: 491-09-PA  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 714-854-5502  
TELEFAX: 714-854-4897  
INFORMATION FOR SEQ ID NO: 2:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 16 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear

US-09-141-764-2

Query Match 1.3%; Score 12.8; DB 1; Length 16;  
Best Local Similarity 87.5%; Pred. No. 4.1e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 163 TTTTGTATTTTTTTT 178  
DB 1 TTTTGTATTTTTTTT 16

RESULT 577  
US-08-851-843A-131/C  
Sequence 131, Application US/08851843A  
Patent No. 6093809

GENERAL INFORMATION:  
APPLICANT: Cech, Thomas R.  
APPLICANT: Lingner, Joachim  
APPLICANT: Nakamura, Toru  
APPLICANT: Chapman, Karen B.  
APPLICANT: Morin, Gregg B.  
APPLICANT: Harley, Calvin  
APPLICANT: Andrews, William H.  
TITLE OF INVENTION: No. 6093809e1 Telomerase  
NUMBER OF SEQUENCES: 225  
CURRENT APPLICATION DATA:  
ADDRESSER: Townsend and Townsend and Crew LLP  
STREET: Two Embarcadero Center, 8th Floor



CITY: San Francisco  
STATE: California  
COUNTRY: United States of America  
ZIP: 94111  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/851,843A  
FILING DATE: 06-MAY-1997  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/846,017  
FILING DATE: 25-APR-1997  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/844,419  
FILING DATE: 18-APR-1997  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/724,643  
FILING DATE: 01-OCT-1996  
CLASSIFICATION:  
ATTORNEY/AGENT INFORMATION:  
NAME: Apple, Randolph T.  
REGISTRATION NUMBER: 36,429  
REFERENCE/DOCKET NUMBER: 015389-002930US  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 576-0200  
TELEFAX: (415) 576-0300  
INFORMATION FOR SEQ ID NO: 131:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 16 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-851-843A-131

Query Match 1.3%; Score 12.8; DB 1; Length 16;  
Best Local Similarity 87.5%; Pred. No. 4.1e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 163 TTTTGTATTTTTTTT 178  
DB 16 TTTTGTATTTTTTTT 1

RESULT 578  
US-08-854-050-131/C  
Sequence 131, Application US/08854050  
Patent No. 6261836  
GENERAL INFORMATION:  
APPLICANT: Cech, Thomas R.  
APPLICANT: Lingner, Joachim  
APPLICANT: Nakamura, Toru  
APPLICANT: Chapman, Karen B.  
APPLICANT: Harley, Calvin  
APPLICANT: Morlin, Gregg B.  
APPLICANT: Andrews, William H.  
TITLE OF INVENTION: No. 6261836el Telomerase  
NUMBER OF SEQUENCES: 225  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Townsend and Townsend and Crew LLP  
STREET: Two Embarcadero Center, 8th Floor  
CITY: San Francisco  
STATE: California  
COUNTRY: United States of America  
ZIP: 94111  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/854,050  
FILING DATE: 09-MAY-1997  
CLASSIFICATION: 536  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/851,843  
FILING DATE: 06-MAY-1997  
CLASSIFICATION: 536  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/846,017  
FILING DATE: 25-APR-1997  
CLASSIFICATION: 536  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/844,419  
FILING DATE: 18-APR-1997  
CLASSIFICATION: 536  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/724,643  
FILING DATE: 01-OCT-1996  
CLASSIFICATION: 536  
ATTORNEY/AGENT INFORMATION:  
NAME: Apple, Randolph T.  
REGISTRATION NUMBER: 36,429  
REFERENCE/DOCKET NUMBER: 015389-002930US  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 576-0200  
TELEFAX: (415) 576-0300  
INFORMATION FOR SEQ ID NO: 131:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 16 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-854-050-131

Query Match 1.3%; Score 12.8; DB 1; Length 16;  
Best Local Similarity 87.5%; Pred. No. 4.1e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 163 TTTTGTATTTTTTTT 178  
DB 16 TTTTGTATTTTTTTT 1

RESULT 579  
US-09-430-323-131/C  
Sequence 131, Application US/09430323  
Patent No. 6309867  
GENERAL INFORMATION:  
APPLICANT: Cech, Thomas R.  
APPLICANT: Lingner, Joachim  
APPLICANT: Nakamura, Toru  
APPLICANT: Chapman, Karen B.  
APPLICANT: Harley, Calvin  
APPLICANT: Morlin, Gregg B.  
APPLICANT: Andrews, William H.  
TITLE OF INVENTION: No. 6309867el Telomerase  
NUMBER OF SEQUENCES: 225  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Townsend and Townsend and Crew LLP  
STREET: Two Embarcadero Center, 8th Floor  
CITY: San Francisco  
STATE: California  
COUNTRY: United States of America  
ZIP: 94111  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/430,323  
FILING DATE: 29-Oct-1999  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/854,050  
FILING DATE: 09-MAY-1997  
APPLICATION NUMBER: US 08/851,843  
FILING DATE: 06-MAY-1997  
APPLICATION NUMBER: US 08/846,017  
FILING DATE: 25-APR-1997  
APPLICATION NUMBER: US 08/844,419  
FILING DATE: 18-APR-1997  
APPLICATION NUMBER: US 08/724,643  
FILING DATE: 01-OCT-1996  
ATTORNEY/AGENT INFORMATION:  
NAME: Apple, Randolph T.  
REGISTRATION NUMBER: 36,429  
REFERENCE/DOCKET NUMBER: 015389-002930US  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 576-0200  
TELEFAX: (415) 576-0300  
INFORMATION FOR SEQ ID NO: 131:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 16 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
SEQUENCE DESCRIPTION: SEQ ID NO: 131:  
US-09-430-323-131  
Query Match 1.3%; Score 12.8; DB 1; Length 16;  
Best Local Similarity 87.5%; Pred. No. 4.1e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
Qy 163 TTTGTATTTTTTTT 178  
Db 16 TTTTTTTTTTTTTT 1

RESULT 580  
US-09-507-345A-2  
Sequence 2, Application US/09507345A  
Patent No. 6426408  
GENERAL INFORMATION:  
APPLICANT: Kutyavin, Igor V.  
Lukhtanov, Eugeny A.  
Ganper, Howard B.  
Meyer Jr., Rich B.  
TITLE OF INVENTION: Covalently Linked Oligonucleotide Minor  
Groove Binder Conjugates  
NUMBER OF SEQUENCES: 12  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Townsend and Townsend and Crew LLP  
STREET: Two Embarcadero Center, Eighth Floor  
CITY: San Francisco  
STATE: California  
COUNTRY: USA  
ZIP: 94111-3834  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/507,345A  
FILING DATE: 18-Feb-2000  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/415,370  
FILING DATE: 03-APR-1995  
APPLICATION NUMBER: US 09/141,764  
FILING DATE: 27-AUG-1998  
ATTORNEY/AGENT INFORMATION:

NAME: Kezer, William B.  
REGISTRATION NUMBER: 37,369  
REFERENCE/DOCKET NUMBER: 17682A-003500US  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 576-0200  
TELEFAX: (415) 576-0300  
INFORMATION FOR SEQ ID NO: 2:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 16 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
SEQUENCE DESCRIPTION: SEQ ID NO: 2:  
US-09-507-345A-2  
Query Match 1.3%; Score 12.8; DB 1; Length 16;  
Best Local Similarity 87.5%; Pred. No. 4.1e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
Qy 163 TTTGTATTTTTTTT 178  
Db 1 TTTTTTTTTTTTTT 16

RESULT 581  
US-09-619-103-22/c  
Sequence 22, Application US/09619103  
Patent No. 6429300  
GENERAL INFORMATION:  
APPLICANT: Kurz, Markus  
Lohse, Peter  
Magner, Richard  
TITLE OF INVENTION: Peptide Acceptor Ligation Methods  
FILE REFERENCE: 50036/031002  
CURRENT APPLICATION NUMBER: US/09/619,103  
CURRENT FILING DATE: 2000-07-19  
PRIOR APPLICATION NUMBER: 60/145,834  
PRIOR FILING DATE: 1999-07-27  
NUMBER OF SEQ ID NOS: 26  
SOFTWARE: FastSeq for Windows Version 4.0  
SEQ ID NO 22  
LENGTH: 16  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: designed sequence for nucleic acid purification  
US-09-619-103-22  
Query Match 1.3%; Score 12.8; DB 1; Length 16;  
Best Local Similarity 87.5%; Pred. No. 4.1e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
Qy 163 TTTGTATTTTTTTT 178  
Db 16 TTTTTTTTTTTTTT 1

RESULT 582  
US-09-739-928-2  
Sequence 2, Application US/09739928  
Patent No. 6486308  
GENERAL INFORMATION:  
APPLICANT: Kutyavin, Igor V.  
Lukhtanov, Eugeny A.  
Ganper, Howard B.  
Meyer Jr., Rich B.  
TITLE OF INVENTION: Covalently Linked Oligonucleotide Minor  
Groove Binder Conjugates  
NUMBER OF SEQUENCES: 12  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Townsend and Townsend and Crew LLP  
STREET: Two Embarcadero Center, Eighth Floor

CITY: San Francisco  
STATE: California  
COUNTRY: USA  
ZIP: 94111-3834  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/739,928  
FILING DATE: 11-May-2001  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/415,370  
FILING DATE: 03-APR-1995  
APPLICATION NUMBER: US 09/141,764  
FILING DATE: 27-AUG-1998  
APPLICATION NUMBER: US 09/507,345  
FILING DATE: 18-FEB-2000  
ATTORNEY/AGENT INFORMATION:  
NAME: Kezer, William B.  
REGISTRATION NUMBER: 37,369  
REFERENCE/DOCKET NUMBER: 17682A-003510US  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 576-0200  
TELEFAX: (415) 576-0300  
INFORMATION FOR SEQ ID NO: 2:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 16 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
SEQUENCE DESCRIPTION: SEQ ID NO: 2:  
US-09-739-928-2  
Query Match 1.3%; Score 12.8; DB 1; Length 16;  
Best Local Similarity 87.5%; Pred. No. 4.1e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 163 TTTTGATTTT 178  
DB 1 TTTT TTTT TTTT 16  
RESULT 583  
US-09-371-772B-5767  
Sequence 5767, Application US/09371772B  
Patent No. 6566127  
GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals, Inc.  
APPLICANT: Pavco, Pam  
APPLICANT: McSwiggen, Jim  
APPLICANT: Stinchcomb, Dan  
APPLICANT: Escobedo, Jaime  
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re  
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor  
FILE REFERENCE: MEH800,876-J (237/198)  
CURRENT APPLICATION NUMBER: US/09/371,772B  
CURRENT FILING DATE: 1999-08-10  
PRIOR APPLICATION NUMBER: US 60/005,974  
PRIOR FILING DATE: 1995-10-26  
PRIOR APPLICATION NUMBER: US 08/584,040  
PRIOR FILING DATE: 1996-01-08  
NUMBER OF SEQ ID NOS: 14225  
SOFTWARE: Patent version 3.0  
SEQ ID NO 5767  
LENGTH: 16  
TYPE: RNA  
ORGANISM: Homo sapiens  
US-09-371-772B-5767

Query Match 1.3%; Score 12.8; DB 1; Length 16;  
Best Local Similarity 68.8%; Pred. No. 4.1e+02;  
Matches 11; Conservative 3; Mismatches 2; Indels 0; Gaps 0;  
QY 330 TCACTGATGCCCCA 345  
DB 1 UCACAGAUUGCCCAA 16  
RESULT 584  
US-09-371-772B-6096  
Sequence 6096, Application US/09371772B  
Patent No. 6566137  
GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals, Inc.  
APPLICANT: Pavco, Pam  
APPLICANT: McSwiggen, Jim  
APPLICANT: Stinchcomb, Dan  
APPLICANT: Escobedo, Jaime  
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions R  
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor  
FILE REFERENCE: MEH800,876-J (237/198)  
CURRENT APPLICATION NUMBER: US/09/371,772B  
CURRENT FILING DATE: 1999-08-10  
PRIOR APPLICATION NUMBER: US 60/005,974  
PRIOR FILING DATE: 1995-10-26  
PRIOR APPLICATION NUMBER: US 08/584,040  
PRIOR FILING DATE: 1996-01-08  
NUMBER OF SEQ ID NOS: 14225  
SOFTWARE: Patent version 3.0  
SEQ ID NO 6096  
LENGTH: 16  
TYPE: RNA  
ORGANISM: Homo sapiens  
US-09-371-772B-6096  
Query Match 1.3%; Score 12.8; DB 1; Length 16;  
Best Local Similarity 18.8%; Pred. No. 4.1e+02;  
Matches 3; Conservative 11; Mismatches 2; Indels 0; Gaps 0;  
QY 903 TTTTATTTGTTGT 918  
DB 1 UUCACUUUUUUUUU 16  
RESULT 585  
US-09-829-855-36  
Sequence 36, Application US/09829855  
Patent No. 6613520  
GENERAL INFORMATION:  
APPLICANT: Matthew, Ashby N.  
TITLE OF INVENTION: Methods for the Survey and Genetic Analysis of Populations  
FILE REFERENCE: ASHBY-1  
CURRENT APPLICATION NUMBER: US/09/829,855  
CURRENT FILING DATE: 2001-04-10  
PRIOR APPLICATION NUMBER: US 60/196063  
PRIOR FILING DATE: 2000-04-10  
PRIOR APPLICATION NUMBER: US 60/196258  
PRIOR FILING DATE: 2000-04-11  
NUMBER OF SEQ ID NOS: 244  
SOFTWARE: Patent version 3.1  
SEQ ID NO 36  
LENGTH: 16  
TYPE: DNA  
ORGANISM: unknown  
FEATURE:  
OTHER INFORMATION: unidentified soil organism  
US-09-829-855-36  
Query Match 1.3%; Score 12.8; DB 1; Length 16;  
Best Local Similarity 87.5%; Pred. No. 4.1e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy	333	CTGATGTGCCCAAGCT	348
Db	1	CTGCTGTGCCGAAGCT	16

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RESULT 586
US-09-829-855-111
; Sequence 111, Application US/09829855
; Patent No. 6613520
; GENERAL INFORMATION:
; APPLICANT: Matthew, Ashby N.
; TITLE OF INVENTION: Methods for the Survey and Genetic Analysis of Populations
; FILE REFERENCE: ASHBY-1
; CURRENT APPLICATION NUMBER: US/09/829,855
; CURRENT FILING DATE: 2001-04-10
; PRIOR APPLICATION NUMBER: US 60/196003
; PRIOR FILING DATE: 2000-04-10
; PRIOR APPLICATION NUMBER: US 60/196258
; PRIOR FILING DATE: 2000-04-11
; NUMBER OF SEQ ID NOS: 244
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 111
; LENGTH: 16
; TYPE: DNA
; ORGANISM: unknown
; FEATURE:
; OTHER INFORMATION: unidentified soil organism
US-09-829-855-111

```

Query Match	1.3%	Score 12.8	DB 1	Length 16
Best Local Similarity	87.5%	Pred. No. 4.1e+02		
Matches 14, Conservative	0	Mismatches 2	Indels 0	Gaps 0

Qy	333	CTGATGTGCCCAAGCT	348
Db	1	CTGCTGTGCCGAAGCT	16

```

US-09 587
US-09-958-610A-1/C
; Sequence 1, Application US/09958610A
; Patent No. 6756492
; GENERAL INFORMATION:
; APPLICANT: Beier, Markus
; APPLICANT: Hohenisel, Jorg
; TITLE OF INVENTION: Nucleoside Derivatives with Photolabile Protective Groups
; FILE REFERENCE: 03528 0135.PCUS00
; CURRENT APPLICATION NUMBER: US/09/958,610A
; CURRENT FILING DATE: 2002-02-21
; PRIOR APPLICATION NUMBER: PCT/DE00/011448
; PRIOR FILING DATE: 2000-04-07
; PRIOR APPLICATION NUMBER: DE 100 03 631.7
; PRIOR FILING DATE: 2000-01-28
; PRIOR APPLICATION NUMBER: DE 199 15. 867.3
; PRIOR FILING DATE: 1999-04-08
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 1
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide
US-09-958-610A-1

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Query Match	1.3%	Score 12.8;	DB 1;	Length 16;
Best Local Similarity	87.5%	Pred. No. 4.1e+02;		
Matches 14; Conservative	0;	Mismatches 2;	Indels 0;	Gaps 0

Qy	163	TTTTGTA	TTTTTTTT	171
D <sub>b</sub>	16	TTTTTTTTTTTTTTTT	TTTTTTTT	1

```

US-09-895-585-9
US-09-895-585-9
/ Sequence 9, Application US/098955585
/ Patent No. 6759039
/ GENERAL INFORMATION:
/ APPLICANT: Tsang, Wen-Chih
/ APPLICANT: Zheng, Tianli
/ APPLICANT: Huang, Chang Jiang
/ APPLICANT: Amcyle, Inc.
/ TITLE OF INVENTION: Culturing Pancreatic Stem Cells Having a Specified
/ TITLE OF INVENTION: Intermediate Stage of Development
/ FILE REFERENCE: 021164-000100US
/ CURRENT APPLICATION NUMBER: US/09/895,585
/ PRIOR FILING DATE: 2002-12-10
/ PRIOR APPLICATION NUMBER: US 60/215,634
/ PRIOR FILING DATE: 2000-06-30
/ PRIOR APPLICATION NUMBER: US 60/246,306
/ PRIOR FILING DATE: 2000-11-06
/ PRIOR APPLICATION NUMBER: US 60/291,787
/ PRIOR FILING DATE: 2001-05-17
/ NUMBER OF SEQ ID NOS: 9
/ SOFTWARE: Patentin Ver. 2.1
/ SEQ ID NO 9
/ LENGTH: 16
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence:oligo-(dT)-16
US-09-895-585-9

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Query Match	1.3%	Score 12.8	DB 1	Length 16
Best Local Similarity	87.5%	Pred. No. 4.1e+02		
Matches 14	0	Mismatches 2	Indels 0	Gaps 0

QY	163	TTTTGTA	TTTTTTT	178
Db	1	TTTTTTTT	TTTTTTTT	16

RESULT 589  
 US-09-152-059-70  
 Sequence 70, Application US/09152059  
 Patent No. 6794499  
 GENERAL INFORMATION:  
 APPLICANT: WENGEL, JESPER  
 APPLICANT: NIELSEN, POUL  
 TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES  
 FILE REFERENCE: 49165 (71/994)  
 CURRENT APPLICATION NUMBER: US/09/152,059  
 CURRENT FILING DATE: 1998-09-11  
 PRIOR APPLICATION NUMBER: 60/058,541  
 PRIOR FILING DATE: 1997-09-12  
 PRIOR APPLICATION NUMBER: 60/068,293  
 PRIOR FILING DATE: 1997-12-19  
 PRIOR APPLICATION NUMBER: 60/071,682  
 PRIOR FILING DATE: 1998-01-16  
 PRIOR APPLICATION NUMBER: 60/076,591  
 PRIOR FILING DATE: 1998-03-03  
 PRIOR APPLICATION NUMBER: 60/083,507  
 PRIOR FILING DATE: 1998-04-29  
 PRIOR APPLICATION NUMBER: 60/088,309  
 PRIOR FILING DATE: 1998-06-05  
 PRIOR APPLICATION NUMBER: 60/094,355  
 PRIOR FILING DATE: 1998-07-28  
 NUMBER OF SEQ ID NOS: 146  
 SOFTWARE: PatentIn Ver. 2.1

OTHER INFORMATION: oligonucleotide  
US-09-152-059-70

Query Match 1.3%; Score 12.8; DB 1; Length 16;  
Best Local Similarity 87.5%; Pred. No. 4.1e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 163 TTTTGTATTTTTTTTT 178  
|||||  
1 TTTTGTATTTTTTTTT 16

RESULT 590  
PCT-US96-06352-29/C

Sequence 29, Application PC/TUS9606352

GENERAL INFORMATION:

APPLICANT: DRAYNA, DENNIS T.

APPLICANT: FEDER, JOHN N.

APPLICANT: KIMMEL, ANDREAS

APPLICANT: KIMMEL, BRUCE E.

APPLICANT: THOMAS, WINSTON J.

APPLICANT: WOLFF, ROGER K.

TITLE OF INVENTION: METHOD TO DIAGNOSE HEREDITARY

TITLE OF INVENTION: HEMOCHROMATOSIS

NUMBER OF SEQUENCES: 124

CORRESPONDENCE ADDRESS:

ADDRESSEE: MORRISON & FOERSTER

STREET: 2000 Pennsylvania Ave. N.W., Suite 5500

CITY: Washington

STATE: DC

COUNTRY: USA

ZIP: 20006-1888

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: PCT/US96/06352

FILING DATE:

CLASSIFICATION:

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/599,252

FILING DATE: 09-FEB-1996

ATTORNEY/AGENT INFORMATION:

NAME: MURASHIGE, KATE H.

REGISTRATION NUMBER: 29,959

REFERENCE/DOCKET NUMBER: 9053-0001.21

TELECOMMUNICATION INFORMATION:

TELEPHONE: (202) 887-1500

TELEFAX: (202) 887-0763

TELEX: 90-4030

INFORMATION FOR SEQ ID NO: 29:

SEQUENCE CHARACTERISTICS:

LENGTH: 16 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

Query Match 1.3%; Score 12.8; DB 1; Length 16;

Best Local Similarity 87.5%; Pred. No. 4.1e+02;

Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 651 GGAGTGCATGGCGCA 666  
|||||  
16 GGAGTGCATGGCGCA 1

RESULT 591

PCT-US96-06583-29/C

Sequence 29, Application PC/TUS9606583

GENERAL INFORMATION:

APPLICANT: DRAYNA, DENNIS T.

APPLICANT: FEDER, JOHN N.

APPLICANT: KIMMEL, ANDREAS

APPLICANT: KIMMEL, BRUCE E.

APPLICANT: THOMAS, WINSTON J.

APPLICANT: WOLFF, ROGER K.

TITLE OF INVENTION: METHOD TO DIAGNOSE HEREDITARY

TITLE OF INVENTION: HEMOCHROMATOSIS

NUMBER OF SEQUENCES: 124

CORRESPONDENCE ADDRESS:

ADDRESSEE: MORRISON & FOERSTER

STREET: 2000 Pennsylvania Ave. N.W., Suite 5500

CITY: Washington

STATE: DC

COUNTRY: USA

ZIP: 20006-1888

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: PCT/US96/06583

FILING DATE:

CLASSIFICATION:

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/599,252

FILING DATE: 09-FEB-1996

ATTORNEY/AGENT INFORMATION:

NAME: MURASHIGE, KATE H.

REGISTRATION NUMBER: 29,959

REFERENCE/DOCKET NUMBER: 9053-0001.21

TELECOMMUNICATION INFORMATION:

TELEPHONE: (202) 887-1500

TELEFAX: (202) 887-0763

TELEX: 90-4030

INFORMATION FOR SEQ ID NO: 29:

SEQUENCE CHARACTERISTICS:

LENGTH: 16 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

Query Match 1.3%; Score 12.8; DB 1; Length 16;

Best Local Similarity 87.5%; Pred. No. 4.1e+02;

Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 651 GGAGTGCATGGCGCA 666  
|||||  
16 GGAGTGCATGGCGCA 1

RESULT 592

US-09-304-232-686

Sequence 686, Application US/09304232

Patent No. 6525185

GENERAL INFORMATION:

APPLICANT: Fan, Jian Bing

APPLICANT: Chakravarti, Aravinda

APPLICANT: Halushka, Marc Kenneth

APPLICANT: Case Western Reserve University School of Medicine

APPLICANT: Affymetrix, Inc.

TITLE OF INVENTION: Polymorphisms Associated With

FILE REFERENCE: 018547-034210US

CURRENT APPLICATION NUMBER: US/09/304,232

CURRENT FILING DATE: 1999-05-03

EARLIER APPLICATION NUMBER: US 60/084,641

EARLIER FILING DATE: 1998-05-07

NUMBER OF SEQ ID NOS: 909

SOFTWARE: FastSeq for Windows Version 3.0

SEQ ID NO 686

LENGTH: 29  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: PGISEX10 1505  
US-09-304-232-686

Query Match 1.3%; Score 12.8; DB 1; Length 29;  
Best Local Similarity 77.8%; Pred. No. 6.5e+02;  
Matches 14; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 959 ATGCCCAATCTGCGCTC 976  
DB 6 ATGCCGAATCCCGTCTC 23

RESULT 593  
US-09-422-978-1321  
Sequence 1321, Application US/09422978

PATENT NO. 6537751  
GENERAL INFORMATION:  
APPLICANT: Cohen, Daniel  
APPLICANT: Blumenfeld, Marta  
APPLICANT: Chumakov, Ilya  
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...  
FILE REFERENCE: GENSET 020CPI  
CURRENT APPLICATION NUMBER: US/09/422,978  
CURRENT FILING DATE: 1999-10-20  
EARLIER APPLICATION NUMBER: US 09/298,850  
EARLIER FILING DATE: 1999-04-21  
EARLIER APPLICATION NUMBER: US 60/109,732  
EARLIER FILING DATE: 1998-11-23  
EARLIER APPLICATION NUMBER: US 60/082,614  
EARLIER FILING DATE: 1998-04-21  
NUMBER OF SEQ ID NOS: 11796

SEQ ID NO 1321

LENGTH: 47

TYPE: DNA

ORGANISM: Homo Sapiens

FEATURE:  
NAME/KEY: allele

LOCATION: 24

OTHER INFORMATION: 99-22844-211 : polymorphic base A or G

US-09-422-978-1321

Query Match 1.3%; Score 12.8; DB 1; Length 47;  
Best Local Similarity 58.8%; Pred. No. 5.4e+02;  
Matches 20; Conservative 1; Mismatches 13; Indels 0; Gaps 0;

QY 449 ACAACAGTGTCCTTACCCAGGATGAGTG 482  
DB 1 ACATGAGAGATCACTTGAACCCGAGGAGAG 34

RESULT 594

US-08-832-021-5

Sequence 5, Application US/08832021

PATENT NO. 6045998

GENERAL INFORMATION:

APPLICANT: Combates, N.

APPLICANT: Pardinas, J.

APPLICANT: Parimoo, S.

APPLICANT: Steen, K.

TITLE OF INVENTION: IMPROVED TECHNIQUE FOR DIFFERENTIAL DISPLAY

FILE REFERENCE: JBP-382

CURRENT APPLICATION NUMBER: US/08/832,021

CURRENT FILING DATE: 1997-04-02

NUMBER OF SEQ ID NOS: 64

SOFTWARE: PatentIn Ver. 2.0

SEQ ID NO 5

LENGTH: 14

TYPE: DNA

ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: primer  
US-08-832-021-5

Query Match 1.3%; Score 12.4; DB 1; Length 14;  
Best Local Similarity 92.9%; Pred. No. 3.7e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 434 TTTATTTTTTTTAA 447  
DB 1 TTTATTTTTTTTAA 14

RESULT 595

US-08-724-466B-17

Sequence 17, Application US/08724466B

PATENT NO. 6063606

GENERAL INFORMATION:

APPLICANT: Petkovich, P. Martin, White, Jay A.

APPLICANT: Beckett, Barbara R., Jones, Glenville

TITLE OF INVENTION: Retinoid Metabolizing Protein

NUMBER OF SEQUENCES: 30

CORRESPONDENCE ADDRESS:

ADDRESSEE: Blake, Cassels & Graydon

STREET: Box 25, Commerce Court West

CITY: Toronto

ZIP: M5L 1A9

COUNTRY: Canada

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette, 3 1/2 inch, 1.4 Mb storage

COMPUTER: COMPAQ, IBM PC compatible

OPERATING SYSTEM: MS-DOS 5.1

SOFTWARE: WORD PERFECT

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/724,466B

FILING DATE: October 1, 1996

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/667,546

FILING DATE: June 21, 1996

ATTORNEY/AGENT INFORMATION:

NAME: Hunt, John C.

REGISTRATION NUMBER: 36,424

REFERENCE/DOCKET NUMBER: 50767/00004

TELEPHONE: (416) 863-4344

TELEFAX: (416) 863-2653

INFORMATION FOR SEQ ID NO: 17:

SEQUENCE CHARACTERISTICS:

LENGTH: 14 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

US-08-724-466B-17

Query Match 1.3%; Score 12.4; DB 1; Length 14;  
Best Local Similarity 92.9%; Pred. No. 3.7e+02;

Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 434 TTTATTTTTTTTAA 447  
DB 1 TTTATTTTTTTTAA 14

RESULT 596

US-08-998-099-331

Sequence 331, Application US/08998099A

PATENT NO. 6103890

GENERAL INFORMATION:

APPLICANT: JARVIS, THALE

APPLICANT: MCSWIGGEN, JAMES A.

APPLICANT: STINCHCOMB, DAN T.

TITLE OF INVENTION: ENZYMAIC NUCLEIC ACID TREATMENT OF DISEASES

;; TITLE OF INVENTION: OR CONDITIONS RELATED TO LEVELS OF C-FOS  
;; FILE REFERENCE: 231/175  
;; CURRENT APPLICATION NUMBER: US/08/998,099A  
;; CURRENT FILING DATE: 1997-12-24  
;; EARLIER APPLICATION NUMBER: 60/037,658  
;; EARLIER FILING DATE: 1997-01-23  
;; EARLIER APPLICATION NUMBER: 08/373,124  
;; EARLIER FILING DATE: 1995-01-13  
;; EARLIER APPLICATION NUMBER: 08/245,466  
;; EARLIER FILING DATE: 1994-05-18  
;; NUMBER OF SEQ ID NOS: 375  
;; SOFTWARE: FastSeq for Windows Version 3.0  
;; SEQ ID NO 331  
;; LENGTH: 14  
;; TYPE: RNA  
;; ORGANISM: Homo sapiens  
US-08-998-099-331

Query Match 1.3%; Score 12.4; DB 1; Length 14;  
Best Local Similarity 71.4%; Pred. No. 3.7e+02;  
Matches 10; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 288 GCCCGGCTGCTGCT 301  
DB 1 GCCCGGCTGCTGCT 14

RESULT 597  
US-08-882-164D-17  
; Sequence 17, Application US/08882164D  
; Patent No. 6306624  
; GENERAL INFORMATION:  
; APPLICANT: Pelkovich, P. Martin, White, Jay A.,  
; APPLICANT: Beckett, Barbara R., Jones, Glenville  
; TITLE OF INVENTION: Retinoid Metabolizing Protein  
; NUMBER OF SEQUENCES: 43  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Blake, Cassels & Graydon  
; STREET: Box 25, Commerce Court West  
; CITY: Toronto  
; STATE: Ontario  
; COUNTRY: Canada  
; ZIP: M5L 1A9  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Diskette, 3 1/2 inch, 1.4 Mb storage  
; COMPUTER: COMPAQ, IBM PC compatible  
; OPERATING SYSTEM: MS-DOS 5.1  
; SOFTWARE: WORD PERFECT  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/882,164D  
; FILING DATE: June 25, 1997  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/667,546  
; FILING DATE: June 21, 1996  
; APPLICATION NUMBER: 08/724,466  
; FILING DATE: October 1, 1996  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Hunt, John C.  
; REGISTRATION NUMBER: 36,424  
; REFERENCE/DOCKET NUMBER: 50767/00010  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (416) 863-4344  
; TELEFAX: (416) 863-2653  
; INFORMATION FOR SEQ ID NO: 17:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 14 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
US-08-882-164D-17

Query Match 1.3%; Score 12.4; DB 1; Length 14;  
Best Local Similarity 92.9%; Pred. No. 3.7e+02;

Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 434 TTTATTTTATTTTAA 447  
DB 1 TTTATTTTATTTTAA 14

RESULT 598  
US-09-081-646-36/C  
; Sequence 36, Application US/09081646  
; Patent No. 6333152  
; GENERAL INFORMATION:  
; APPLICANT: Kinzler, Kenneth  
; APPLICANT: Vogelstein, Bert  
; APPLICANT: Zhou, Wei  
; APPLICANT: Zhang, Lin  
; TITLE OF INVENTION: Gene Expression Profiles in No. 6333152a1 and  
; FILE REFERENCE: 01107.74664  
; CURRENT APPLICATION NUMBER: US/09/081,646  
; CURRENT FILING DATE: 1998-05-20  
; EARLIER APPLICATION NUMBER: 60/047,352  
; EARLIER FILING DATE: 1997-05-21  
; NUMBER OF SEQ ID NOS: 871  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 36  
; LENGTH: 14  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-081-646-36

Query Match 1.3%; Score 12.4; DB 1; Length 14;  
Best Local Similarity 92.9%; Pred. No. 3.7e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 790 TGGGGTTTCCACGATG 803  
DB 14 TGGGGTTTCCACGATG 1

RESULT 599  
US-09-475-947A-310/C  
; Sequence 310, Application US/09475947A  
; Patent No. 6472154  
; GENERAL INFORMATION:  
; APPLICANT: Garner, Harold R.  
; APPLICANT: Wren, Jonathan D.  
; APPLICANT: Minna, John D.  
; TITLE OF INVENTION: Polymorphic Repeats in Human Genes  
; FILE REFERENCE: UTS00667  
; CURRENT APPLICATION NUMBER: US/09/475,947A  
; CURRENT FILING DATE: 1999-12-31  
; NUMBER OF SEQ ID NOS: 346  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 310  
; LENGTH: 14  
; TYPE: DNA  
; ORGANISM: human  
US-09-475-947A-310

Query Match 1.3%; Score 12.4; DB 1; Length 14;  
Best Local Similarity 92.9%; Pred. No. 3.7e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 164 TTTGATTTTATTTT 177  
DB 14 TTTGATTTTATTTT 1

RESULT 600  
US-08-009-075-2  
; Sequence 2, Application US/08009075  
; Patent No. 5300436

```

; GENERAL INFORMATION:
; APPLICANT: GOLDSTEIN, Menek
; APPLICANT: WU, Jing
; APPLICANT: FILER, David
; APPLICANT: FRIEDHOFF, Arnold J.
; TITLE OF INVENTION: GENETICALLY MODIFIED TYROSINE
; TITLE OF INVENTION: HYDROXYLASE AND USES THEREOF
; NUMBER OF SEQUENCES: 13
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BROWDY and NEIMARK
; STREET: 419 Seventh Street, N.W., Suite 300
; CITY: Washington
; STATE: D.C.
; COUNTRY: U.S.A.
; ZIP: 20004
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/009,075
; FILING DATE: 19930126
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: TOWNSEND, GUY K.
; REGISTRATION NUMBER: 34,033
; REFERENCE/DOCKET NUMBER: GOLDSTEIN=1A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-628-5197
; TELEFAX: 202-737-3528
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: CDNA
; US-08-009-075-2

Query Match      1.3%; Score 12.4; DB 1; Length 15;
Best Local Similarity 92.9%; Pred. No. 4.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      622 GACAGAGTCTCAG 635
DB      2 GACAGAGTCTCAG 15

RESULT 601
US-08-452-196A-3/C
; Sequence 3, Application US/08452196A
; Patent No. 5576427
; GENERAL INFORMATION:
; APPLICANT: Cook, Philip D.
; APPLICANT: Delecki, Daniel J.
; APPLICANT: Guinasso, Charles
; TITLE OF INVENTION: ACYCLIC NUCLEOSIDE
; TITLE OF INVENTION: ANALOGS AND
; TITLE OF INVENTION: OLIGONUCLEOTIDE
; TITLE OF INVENTION: SEQUENCES
; TITLE OF INVENTION: CONTAINING THEM
; NUMBER OF SEQUENCES: 8
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Patent Department
; STREET: 9 Great Valley Parkway
; CITY: Malvern
; STATE: Pennsylvania
; COUNTRY: USA
; ZIP: 19355
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.5 inch,
; MEDIUM TYPE: 1.4 MB storage
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; COMPUTER: Apple Macintosh.
; OPERATING SYSTEM: Macintosh 7.1
; SOFTWARE: Microsoft Word 5.0B
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/452,196A
; FILING DATE: 26-MAY-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/040,326
; FILING DATE: 30 March 1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Paul E. Dupont
; REGISTRATION NUMBER: 27,438
; REFERENCE/DOCKET NUMBER: 2525
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215)889-6338
; TELEFAX: (215)889-8800
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15
; TYPE: Nucleic Acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Nucleic Acid
; DESCRIPTION:
; ANTI-SENSE: Yes
; ORIGINAL SOURCE: synthesized
; FEATURE:
; LOCATION: 14
; OTHER INFORMATION: 8-[2,2-bis
; OTHER INFORMATION: (methoxymethyl)
; OTHER INFORMATION: propoxy]-9-
; OTHER INFORMATION: methyladenosine
; US-08-452-196A-3
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Query Match      1.3%; Score 12.4; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 4.1e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
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QY      431 TATTTATTTTTTTT 445
DB      15 TATTTATTTTTTTT 1

RESULT 602
US-08-452-196A-4/C
; Sequence 4, Application US/08452196A
; Patent No. 5576427
; GENERAL INFORMATION:
; APPLICANT: Cook, Philip D.
; APPLICANT: Delecki, Daniel J.
; APPLICANT: Guinasso, Charles
; TITLE OF INVENTION: ACYCLIC NUCLEOSIDE
; TITLE OF INVENTION: ANALOGS AND
; TITLE OF INVENTION: OLIGONUCLEOTIDE
; TITLE OF INVENTION: SEQUENCES
; TITLE OF INVENTION: CONTAINING THEM
; NUMBER OF SEQUENCES: 8
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Patent Department
; STREET: 9 Great Valley Parkway
; CITY: Malvern
; STATE: Pennsylvania
; COUNTRY: USA
; ZIP: 19355
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.5 inch,
; MEDIUM TYPE: 1.4 MB storage
; COMPUTER: Apple Macintosh
; OPERATING SYSTEM: Macintosh 7.1
; SOFTWARE: Microsoft Word 5.0B
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/452,196A
```



FILED DATE: 26-MAY-1995  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA: 08/040,326  
APPLICATION NUMBER: 08/040,326  
FILING DATE: 30 March 1993  
ATTORNEY/AGENT INFORMATION:  
NAME: Paul E. Dupont  
REGISTRATION NUMBER: 27,438  
REFERENCE/DOCKET NUMBER: 2525  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (215)889-6338  
TELEFAX: (215)889-8800  
INFORMATION FOR SEQ ID NO: 4:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15  
TYPE: Nucleic Acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: Nucleic Acid  
DESCRIPTION:  
ANTI-SENSE: yes  
ORIGINAL SOURCE: synthesized  
FEATURE:  
LOCATION: 13  
OTHER INFORMATION: 8-[2,2-bis  
OTHER INFORMATION: (methoxymethyl)  
OTHER INFORMATION: propoxy]-9-  
OTHER INFORMATION: methyladenosine  
US-08-452-196A-4

Query Match 1.3%; Score 12.4; DB 1; Length 15;  
Best Local Similarity 86.7%; Pred. No. 4.1e+02;  
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 430 TTTTATTTT 444  
DB 15 TTTTATTTT 1

RESULT 603  
US-08-292-620A-13  
Sequence 13, Application US/08292620A  
Patent No. 5837542  
GENERAL INFORMATION:  
APPLICANT: Susan Grimm  
APPLICANT: Dan T. Stinchcomb  
APPLICANT: James McSwiggen  
APPLICANT: Sean Sullivan  
APPLICANT: Kenneth G. Draper  
TITLE OF INVENTION: RIBOZYME TREATMENT OF  
DISEASES OR CONDITIONS  
TITLE OF INVENTION: RELATED TO LEVELS OF  
TITLE OF INVENTION: INTRACELLULAR ADHESION  
TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)  
NUMBER OF SEQUENCES: 2390  
CORRESPONDENCE ADDRESS:  
ADDRESSER: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/292,620A  
FILING DATE: August 17, 1994  
CLASSIFICATION: 435

PRIOR APPLICATION DATA: including application  
PRIOR APPLICATION DATA: described below:  
APPLICATION NUMBER: 08/008,895  
FILING DATE: January 19, 1993  
APPLICATION NUMBER: 07/989,849  
FILING DATE: December 7, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 208/149  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 13:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-292-620A-13

Query Match 1.3%; Score 12.4; DB 1; Length 15;  
Best Local Similarity 78.6%; Pred. No. 4.1e+02;  
Matches 11; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 680 GCAACCTGCTCC 693  
DB 1 GCAACCTGCTCC 14

RESULT 604  
US-08-292-620A-355  
Sequence 355, Application US/08292620A  
Patent No. 5837542  
GENERAL INFORMATION:  
APPLICANT: Susan Grimm  
APPLICANT: Dan T. Stinchcomb  
APPLICANT: James McSwiggen  
APPLICANT: Sean Sullivan  
APPLICANT: Kenneth G. Draper  
TITLE OF INVENTION: RIBOZYME TREATMENT OF  
DISEASES OR CONDITIONS  
TITLE OF INVENTION: RELATED TO LEVELS OF  
TITLE OF INVENTION: INTRACELLULAR ADHESION  
TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)  
NUMBER OF SEQUENCES: 2390  
CORRESPONDENCE ADDRESS:  
ADDRESSER: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/292,620A  
FILING DATE: August 17, 1994  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
PRIOR APPLICATION DATA: including application  
PRIOR APPLICATION DATA: described below:  
APPLICATION NUMBER: 08/008,895  
FILING DATE: January 19, 1993  
APPLICATION NUMBER: 07/989,849  
FILING DATE: December 7, 1992

```

1 ATTORNEY/AGENT INFORMATION:
2 NAME: Maturby, Richard J.
3 REGISTRATION NUMBER: 32,337
4 REFERENCE/DOCKET NUMBER: 208/149
5 TELECOMMUNICATION INFORMATION:
6 TELEPHONE: (213) 489-1600
7 TELEFAX: (213) 955-0440
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9 TELEX: 67-3510
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11 INFORMATION FOR SEQ ID NO: 355:
12
13 SEQUENCE CHARACTERISTICS:
14
15 LENGTH: 15 base pairs
16 TYPE: nucleic acid
17 STRANDEDNESS: single
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19 TOPOLOGY: linear
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Query Match	1.3%	Score 12.4;	DB 1;	Length 15;
Best Local Similarity	14.3%;	Pred. No. 4.1e+02;		
Matches	2;	Conservative	11;	Mismatches 1;
			Indels	0;
			Gaps	0;

QY	432	ATTTATTTTTTT	445
Db	1	AUUUGAUUUUUUU	14

RESULT 605  
US-08-292-620A-359

GENERAL INFORMATION:  
 APPLICANT: Susan Grimm  
 APPLICANT: Dan T. Stinchcomb  
 APPLICANT: James McSwiggen  
 APPLICANT: Sean Sullivan  
 APPLICANT: Kenneth G. Draper  
 TITLE OF INVENTION: RIBOZYME TREATMENT OF  
 DISEASES OR CONDITIONS  
 TITLE OF INVENTION: RELATED TO LEVELS OF  
 INTRACELLULAR ADHESION  
 TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)  
 NUMBER OF SEQUENCES: 2390  
 CORRESPONDENCE ADDRESS:

```

1  COMPUTER READABLE FORM:
2  MEDIUM TYPE: 3.5" Diskette, 1.44 MB
3  MEDIUM TYPE: storage
4  COMPUTER: IBM Compatible
5  OPERATING SYSTEM: IBM P.C. DOS 5.0
6  SOFTWARE: Word Perfect 5.1
7  CURRENT APPLICATION DATA:
8  APPLICATION NUMBER: US/08/592,620A
9  FILING DATE: August 17, 1994

```

```

; PRIOR APPLICATION DATA: including application
; PRIOR APPLICATION DATA: described below:
; PRIOR APPLICATION DATA:

```

Two

FILING DATE: December 1, 1992  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Waburg, Richard J.  
 REGISTRATION NUMBER: 32,327  
 REFERENCE/DOCKET NUMBER: 208/145  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (213) 489-1600  
 TELEFAX: (213) 955-0440

```

; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 359
; SEQUENCE CHARACTERISTICS:
;     LENGTH: 15 base pairs
;     TYPE: nucleic acid
;     STRANDEDNESS: single
;     TOPOLOGY: linear
;
US-08-292-620A-359

```

```

Query Match      1.3%; Score 12.4; DB 1; Length 15;
Best Local Similarity 7.1%; Pred. No. 4.1e+02;
Matches 1; Conservative 12; Mismatches 1; Indels 0; Gaps 0;

```

```
QY      432 ATTTTATTTT 44
          |::: :::::
Db      2 Auuuuuuuuuu 15
```

RESULT 606  
US-08-292-620A-360  
; Sequence 360, Application US/08292620A

GENERAL INFORMATION:  
APPLICANT: Susan Grimm  
APPLICANT: Dan T. Stinchcomb  
APPLICANT: James McSwiggen  
APPLICANT: Sean Sullivan  
APPLICANT: Kenneth G. Draper  
TITLE OF INVENTION: RIBOZYME TREATMENT OF  
DISEASES OR CONDITIONS  
RELATED TO LEVELS OF  
INTRACELLULAR ADHESION  
MOLECULE-1 (I-CAM-1)  
NUMBER OF SEQUENCES: 2390  
CORRESPONDENCE ADDRESS:

COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/292,620A  
FILING DATE: August 17, 1994

```

; PRIOR APPLICATION DATA: including application
; PRIOR APPLICATION DATA: described below:
; PRIOR APPLICATION DATA:

```

**two**

REGISTRATION NUMBER: 32.327  
REFERENCE/DOCKET NUMBER: 206/149  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEPAK: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 360:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear

US-08-292-620A-360

Query Match 1.3%; Score 12.4; DB 1; Length 15;  
Best Local Similarity 7.1%; Pred. No. 4.1e+02;  
Matches 1; Conservative 12; Mismatches 1; Indels 0; Gaps 0;

QY 432 ATTATTTTATTTT 445  
Db 1 AUUUUUUUUUUU 14

RESULT 607  
US-08-585-684B-2114/c  
Sequence 2114, Application US/08585684B  
Patent No. 5877021

GENERAL INFORMATION:  
APPLICANT: Stinchcomb, Daniel T.  
APPLICANT: Jarvis, Thale  
TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
INDUCTION OF GRAFT TOLERANCE  
TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE  
NUMBER OF SEQUENCES: 2751  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: FastSeq Version 1.5  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/585,684B  
FILING DATE: January 16, 1996  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/000,951

FILING DATE: July 7, 1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard

REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 218/078  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440

TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 2114:

SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-585-684B-2114

Query Match 1.3%; Score 12.4; DB 1; Length 15;  
Best Local Similarity 92.9%; Pred. No. 4.1e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 788 GATGGGTCACCA 801  
Db 14 GATGGGTCACCA 1

RESULT 608  
US-08-863-639A-8/c  
Sequence 8, Application US/08863639A  
Patent No. 5981185  
GENERAL INFORMATION:

APPLICANT: Matson, Robert S.  
APPLICANT: Coassin, Peter J.  
APPLICANT: Kampal, Jang B.  
APPLICANT: Caskey, C. T.  
TITLE OF INVENTION: OLIGONUCLEOTIDE REPEAT ARRAYS  
NUMBER OF SEQUENCES: 95  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Sheldon & Mak  
STREET: 225 South Lake Avenue, 9th Floor  
CITY: Pasadena  
STATE: CA  
COUNTRY: USA  
ZIP: 91101

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage  
COMPUTER: IBM compatible  
OPERATING SYSTEM: Windows 95  
SOFTWARE: Corel Wordperfect 8 version  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/863,639A  
FILING DATE: May 28, 1997  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Joseph E. Muehl  
REGISTRATION NUMBER: 20,532  
REFERENCE/DOCKET NUMBER: 11859-1

TELECOMMUNICATION INFORMATION:  
TELEPHONE: (626) 796-4000  
TELEFAX: (626) 795-6321

INFORMATION FOR SEQ ID NO: 8:

SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULAR TYPE: Other nucleic acid  
US-08-863-639A-8

Query Match 1.3%; Score 12.4; DB 1; Length 15;  
Best Local Similarity 92.9%; Pred. No. 4.1e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 434 TTTATTTTATTTTAA 447  
Db 15 TTTATTTTATTTTAA 2

RESULT 609

US-08-832-021-17  
Sequence 17, Application US/08832021  
Patent No. 6045998  
GENERAL INFORMATION:

APPLICANT: Combates, N.  
APPLICANT: Pardini, J.  
APPLICANT: Parimoo, S.  
APPLICANT: Prouty, S.  
APPLICANT: Steen, K.  
FILE REFERENCE: JBP-382  
CURRENT APPLICATION NUMBER: US/08/832,021  
CURRENT FILING DATE: 1997-04-02  
NUMBER OF SEQ ID NOS: 64  
SOFTWARE: PatentIn Ver. 2.0  
SEQ ID NO 17  
LENGTH: 15  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: primer  
US-08-832-021-17

Query Match 1.3%; Score 12.4; DB 1; Length 15;  
Best Local Similarity 92.9%; Pred. No. 4.1e+02;

Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 434 TTTATTTTAA 447

Db 1 TTTTAA 14

RESULT 610

US-08-832-021-18

Sequence 18, Application US/08832021

Patent No. 6045998

GENERAL INFORMATION:

APPLICANT: Combates, N.

APPLICANT: Pardinas, J.

APPLICANT: Parimoo, S.

APPLICANT: Prouty, S.

APPLICANT: Stenn, K.

TITLE OF INVENTION: IMPROVED TECHNIQUE FOR DIFFERENTIAL DISPLAY

FILE REFERENCE: JBP-382

CURRENT APPLICATION NUMBER: US/08/832,021

CURRENT FILING DATE: 1997-04-02

NUMBER OF SEQ ID NOS: 64

SOFTWARE: Patentln Ver. 2.30

SEQ ID NO 18

LENGTH: 15

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Description of Artificial Sequence: primer

US-08-832-021-18

Query Match 1.3%; Score 12.4; DB 1; Length 15;  
Best Local Similarity 92.9%; Pred. No. 4.1e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 434 TTTATTTTAA 447

Db 1 TTTTAA 14

RESULT 611

US-08-832-021-20

Sequence 20, Application US/08832021

Patent No. 6045998

GENERAL INFORMATION:

APPLICANT: Combates, N.

APPLICANT: Pardinas, J.

APPLICANT: Parimoo, S.

APPLICANT: Prouty, S.

APPLICANT: Stenn, K.

TITLE OF INVENTION: IMPROVED TECHNIQUE FOR DIFFERENTIAL DISPLAY

FILE REFERENCE: JBP-382

CURRENT APPLICATION NUMBER: US/08/832,021

CURRENT FILING DATE: 1997-04-02

NUMBER OF SEQ ID NOS: 64

SOFTWARE: Patentln Ver. 2.0

SEQ ID NO 20

LENGTH: 15

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Description of Artificial Sequence: primer

US-08-832-021-20

Query Match 1.3%; Score 12.4; DB 1; Length 15;  
Best Local Similarity 92.9%; Pred. No. 4.1e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 434 TTTATTTTAA 447

Db 1 TTTTAA 14

RESULT 612

US-08-832-021-44

Sequence 44, Application US/08832021

Patent No. 6045998

GENERAL INFORMATION:

APPLICANT: Combates, N.

APPLICANT: Pardinas, J.

APPLICANT: Parimoo, S.

APPLICANT: Prouty, S.

APPLICANT: Stenn, K.

TITLE OF INVENTION: IMPROVED TECHNIQUE FOR DIFFERENTIAL DISPLAY

FILE REFERENCE: JBP-382

CURRENT APPLICATION NUMBER: US/08/832,021

CURRENT FILING DATE: 1997-04-02

NUMBER OF SEQ ID NOS: 64

SOFTWARE: Patentln Ver. 2.0

SEQ ID NO 44

LENGTH: 15

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Description of Artificial Sequence: primer

US-08-832-021-44

Query Match 1.3%; Score 12.4; DB 1; Length 15;  
Best Local Similarity 92.9%; Pred. No. 4.1e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 168 TATTTTAACT 181

Db 2 TTTTAACT 15

RESULT 613

US-08-832-021-56

Sequence 56, Application US/08832021

Patent No. 6045998

GENERAL INFORMATION:

APPLICANT: Combates, N.

APPLICANT: Pardinas, J.

APPLICANT: Parimoo, S.

APPLICANT: Prouty, S.

APPLICANT: Stenn, K.

TITLE OF INVENTION: IMPROVED TECHNIQUE FOR DIFFERENTIAL DISPLAY

FILE REFERENCE: JBP-382

CURRENT APPLICATION NUMBER: US/08/832,021

CURRENT FILING DATE: 1997-04-02

NUMBER OF SEQ ID NOS: 64

SOFTWARE: Patentln Ver. 2.0

SEQ ID NO 56

LENGTH: 15

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Description of Artificial Sequence: primer

US-08-832-021-56

Query Match 1.3%; Score 12.4; DB 1; Length 15;  
Best Local Similarity 92.9%; Pred. No. 4.1e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 595 TTTATTTTAA 608

Db 2 TTTTAA 15

RESULT 614

US-09-071-845-13

Sequence 13, Application US/09071845

Patent No. 6132967

GENERAL INFORMATION:

APPLICANT: Susan Grimm

APPLICANT: Dan T. Stinchcomb

APPLICANT: James McSwiggen  
APPLICANT: Sean Sullivan  
APPLICANT: Kenneth G. Draper  
TITLE OF INVENTION: RIBOZYME TREATMENT OF  
DISEASES OR CONDITIONS  
TITLE OF INVENTION: RELATED TO LEVELS OF  
INTRACELLULAR ADHESION  
TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)  
NUMBER OF SEQUENCES: 2390  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/071,845  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/08/292,620  
FILING DATE: August 17, 1994  
APPLICATION NUMBER: 08/008,895  
FILING DATE: January 19, 1993  
APPLICATION NUMBER: 07/989,849  
FILING DATE: December 7, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 208/149  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 13:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-09-071-845-13

Query Match 1.3%; Score 12.4; DB 1; Length 15;  
Best Local Similarity 78.6%; Pred. No. 4.1e+02;  
Matches 11; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 680 GCAACCTCTGCTC 693  
DB 1 GCAACCTCTGCTC 14

RESULT 615  
US-09-071-845-355  
Sequence 355, Application US/09071845  
Patent No. 6132967  
GENERAL INFORMATION:  
APPLICANT: Susan Grimm  
APPLICANT: Dan T. Stinchcomb  
APPLICANT: James McSwiggen  
APPLICANT: Sean Sullivan  
APPLICANT: Kenneth G. Draper  
TITLE OF INVENTION: RIBOZYME TREATMENT OF  
DISEASES OR CONDITIONS  
TITLE OF INVENTION: RELATED TO LEVELS OF  
INTRACELLULAR ADHESION  
TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)

TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)  
NUMBER OF SEQUENCES: 2390  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/071,845  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/08/292,620  
FILING DATE: August 17, 1994  
APPLICATION NUMBER: 08/008,895  
FILING DATE: January 19, 1993  
APPLICATION NUMBER: 07/989,849  
FILING DATE: December 7, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 208/149  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 355:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-09-071-845-355

Query Match 1.3%; Score 12.4; DB 1; Length 15;  
Best Local Similarity 14.3%; Pred. No. 4.1e+02;  
Matches 2; Conservative 11; Mismatches 1; Indels 0; Gaps 0;

QY 432 ATTATTTT TTTT 445  
DB 1 ATTUGAUUUUUUU 14

RESULT 616  
US-09-071-845-359  
Sequence 359, Application US/09071845  
Patent No. 6132967  
GENERAL INFORMATION:  
APPLICANT: Susan Grimm  
APPLICANT: Dan T. Stinchcomb  
APPLICANT: James McSwiggen  
APPLICANT: Sean Sullivan  
APPLICANT: Kenneth G. Draper  
TITLE OF INVENTION: RIBOZYME TREATMENT OF  
DISEASES OR CONDITIONS  
TITLE OF INVENTION: RELATED TO LEVELS OF  
INTRACELLULAR ADHESION  
TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)  
NUMBER OF SEQUENCES: 2390  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Los Angeles

STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 MB  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/071.845  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/08/292.620  
FILING DATE: August 17, 1994  
APPLICATION NUMBER: 08/008.895  
FILING DATE: January 19, 1993  
APPLICATION NUMBER: 07/989.849  
FILING DATE: December 7, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Wardburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 208/149  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 359:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-09-071-845-359

Query Match 1.3%; Score 12.4; DB 1; Length 15;  
Best Local Similarity 7.1%; Pred. No. 4,1e+02;  
Matches 1; Conservative 12; Mismatches 1; Indels 0; Gaps 0;

QY 432 ATTTATTTT 445  
|:::|:::|:::|  
DB 2 AUUUUUUUUUUU 15

RESULT 617  
US-09-071-845-360  
Sequence 360, Application US/09071845  
Patent No. 6132967  
GENERAL INFORMATION:  
APPLICANT: Susan Grimm  
APPLICANT: Dan T. Stinchcomb  
APPLICANT: James McSwigen  
APPLICANT: Sean Sullivan  
APPLICANT: Kenneth G. Draper  
TITLE OF INVENTION: RIBOZYME TREATMENT OF  
DISEASES OR CONDITIONS  
TITLE OF INVENTION: RELATED TO LEVELS OF  
TITLE OF INVENTION: INTRACELLULAR ADHESION  
TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)  
NUMBER OF SEQUENCES: 2390  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 MB  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible

OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/071.845  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/08/292.620  
FILING DATE: August 17, 1994  
APPLICATION NUMBER: 08/008.895  
FILING DATE: January 19, 1993  
APPLICATION NUMBER: 07/989.849  
FILING DATE: December 7, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Wardburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 208/149  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 360:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-09-071-845-360

Query Match 1.3%; Score 12.4; DB 1; Length 15;  
Best Local Similarity 7.1%; Pred. No. 4,1e+02;  
Matches 1; Conservative 12; Mismatches 1; Indels 0; Gaps 0;

QY 432 ATTTATTTT 445  
|:::|:::|:::|  
DB 1 AUUUUUUUUUUU 14

RESULT 618  
US-09-038-073-2114/C  
Sequence 2114, Application US/09038073  
Patent No. 6194150  
GENERAL INFORMATION:  
APPLICANT: Stinchcomb, Daniel T.  
APPLICANT: Jarvis, Thale  
APPLICANT: McSwigen, James  
TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
INDUCTION OF GRAFT TOLERANCE  
TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES  
NUMBER OF SEQUENCES: 2751  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 MB  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: FASTSEQ Version 1.5  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/038.073  
FILING DATE:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/585.684  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Wardburg, Richard  
REGISTRATION NUMBER: 32,327

```
REFERENCE/DOCKET NUMBER: 218/078
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 2114:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-038-073-2114

Query Match
Best Local Similarity 92.9%; Score 12.4; DB 1; Length 15;
Pred. No. 4.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 788 GATGGGCTTCACCA 801
DB 14 GATGGGCTTCACCA 1

RESULT 619
US-09-081-646-232/c
Sequence 232, Application US/09081646
Patent No. 6333152
GENERAL INFORMATION:
APPLICANT: Kinzler, Kenneth
APPLICANT: Vogelstein, Bert
APPLICANT: Zhou, Wei
TITLE OF INVENTION: Gene Expression Profiles in No. 6333152mal and
FILE REFERENCE: 01107.74664
CURRENT FILING DATE: 1998-05-20
EARLIER APPLICATION NUMBER: 60/047,352
EARLIER FILING DATE: 1997-05-21
NUMBER OF SEQ ID NOS: 871
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 232
LENGTH: 15
TYPE: DNA
ORGANISM: Homo sapiens
US-09-081-646-232

Query Match
Best Local Similarity 92.9%; Score 12.4; DB 1; Length 15;
Pred. No. 4.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 790 TGGGGTTTCACCATG 803
DB 14 TGGGGTTTCACCATG 1

RESULT 620
US-09-081-646-286/c
Sequence 286, Application US/09081646
Patent No. 6333152
GENERAL INFORMATION:
APPLICANT: Kinzler, Kenneth
APPLICANT: Vogelstein, Bert
APPLICANT: Zhou, Wei
TITLE OF INVENTION: Gene Expression Profiles in No. 6333152mal and
FILE REFERENCE: 01107.74664
CURRENT FILING DATE: 1998-05-20
EARLIER APPLICATION NUMBER: 60/047,352
EARLIER FILING DATE: 1997-05-21
NUMBER OF SEQ ID NOS: 871
SOFTWARE: FastSeq for Windows Version 3.0
```

```
SEQ ID NO 286
LENGTH: 15
TYPE: DNA
ORGANISM: Homo sapiens
US-09-081-646-286

Query Match
Best Local Similarity 92.9%; Score 12.4; DB 1; Length 15;
Pred. No. 4.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 886 ACCAGCCCGGCTT 899
DB 15 ACCAGCCCGGCTT 2

RESULT 621
US-09-081-646-821/c
Sequence 821, Application US/09081646
Patent No. 6333152
GENERAL INFORMATION:
APPLICANT: Kinzler, Kenneth
APPLICANT: Vogelstein, Bert
APPLICANT: Zhou, Wei
TITLE OF INVENTION: Gene Expression Profiles in No. 6333152mal and
FILE REFERENCE: 01107.74664
CURRENT FILING DATE: 1998-05-20
EARLIER APPLICATION NUMBER: 60/047,352
EARLIER FILING DATE: 1997-05-21
NUMBER OF SEQ ID NOS: 871
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 821
LENGTH: 15
TYPE: DNA
ORGANISM: Homo sapiens
US-09-081-646-821

Query Match
Best Local Similarity 92.9%; Score 12.4; DB 1; Length 15;
Pred. No. 4.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 790 TGGGGTTTCACCATG 803
DB 14 TGGGGTTTCACCATG 1

RESULT 622
US-09-475-947A-158
Sequence 158, Application US/09475947A
Patent No. 6472154
GENERAL INFORMATION:
APPLICANT: Garner, Harold R.
APPLICANT: Wren, Jonathan D.
TITLE OF INVENTION: Polymorphic Repeats in Human Genes
FILE REFERENCE: UTS0667
CURRENT FILING DATE: 1999-12-31
CURRENT APPLICATION NUMBER: US/09/475,947A
NUMBER OF SEQ ID NOS: 346
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 158
LENGTH: 15
TYPE: DNA
ORGANISM: human
OTHER INFORMATION: n signifies a, t, c or g.
US-09-475-947A-158

Query Match
Best Local Similarity 86.7%; Score 12.4; DB 1; Length 15;
Pred. No. 4.1e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

OY 595 TTTTATTTATTT 609  
Db 1 TTTTATTTTNTT 15

## RESULT 623

US-09-422-978-3767  
; Sequence 3767, Application US/09422978  
; Patent No. 6537751  
; GENERAL INFORMATION:  
; APPLICANT: Cohen, Daniel  
; APPLICANT: Blumenfeld, Marta  
; APPLICANT: Chumakov, Ilya  
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...  
; FILE REFERENCE: GENSET 020CPI  
; CURRENT FILING DATE: 1999-10-20  
; EARLIER FILING DATE: 1999-10-20  
; EARLIER FILING DATE: 1999-04-21  
; EARLIER FILING DATE: 1998-11-23  
; EARLIER APPLICATION NUMBER: US 60/109,732  
; EARLIER FILING DATE: 1998-04-21  
; EARLIER APPLICATION NUMBER: US 60/082,614  
; NUMBER OF SEQ ID NOS: 11796  
; SEQ ID NO 3767  
; LENGTH: 47  
; TYPE: DNA  
; ORGANISM: Homo Sapiens  
; FEATURE:  
; NAME/KEY: allele  
; LOCATION: 24  
; OTHER INFORMATION: 99-11878-212 : polymorphic base C or T  
US-09-422-978-3767

Query Match 1.2%; Score 12.2; DB 1; Length 47;  
Best Local Similarity 57.1%; Pred. No. 5.4e+02;  
Matches 20; Conservative 1; Mismatches 14; Indels 0; Gaps 0;

OY 448 GACACAGGTGTCCTTACCCAGATGAGTG 482

Db 1 GAGCAGGAGATCACTTGAACTGGAGGCGAG 35

## RESULT 624

US-08-487-759-3  
; Sequence 3, Application US/08487759  
; Patent No. 5660989  
; GENERAL INFORMATION:  
; APPLICANT: Cole, James L.  
; APPLICANT: Olsen, David B.  
; APPLICANT: Kuo, Lawrence C.  
; TITLE OF INVENTION: DNA POLYMERASE EXTENSION ASSAY FOR  
; TITLE OF INVENTION: INFLUENZA VIRUS ENDONUCLEASE  
; NUMBER OF SEQUENCES: 5  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Ms. Joanne J. Gieser  
; STREET: 126 E. Lincoln Avenue, P.O. Box 2000-0907  
; CITY: Rahway  
; STATE: New Jersey  
; COUNTRY: USA  
; ZIP: 07065  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; OPERATING SYSTEM: IBM PC compatible  
; SOFTWARE: Patent In Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/487,759  
; FILING DATE:  
; CLASSIFICATION: 435  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Gieser, Joanne M.

REGISTRATION NUMBER: 32,838  
; REFERENCE/DOCKET NUMBER: 19393  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (908)-594-3046  
; TELEFAX: (908)-594-4720  
; INFORMATION FOR SEQ ID NO: 3:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 13 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; HYPOTHETICAL: NO  
; ANTI-SENSE: NO  
US-08-487-759-3

Query Match 1.2%; Score 12; DB 1; Length 13;  
Best Local Similarity 100.0%; Pred. No. 3.7e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 595 TTTTATTTT 606  
Db 2 TTTTATTTT 13

## RESULT 625

US-08-973-139-3  
; Sequence 3, Application US/08973139  
; Patent No. 6100028  
; GENERAL INFORMATION:  
; APPLICANT: Cole, James L.  
; APPLICANT: Olsen, David B.  
; APPLICANT: Kuo, Lawrence C.  
; TITLE OF INVENTION: DNA POLYMERASE EXTENSION ASSAY  
; NUMBER OF SEQUENCES: 5  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Ms. Joanne J. Gieser  
; STREET: 126 E. Lincoln Avenue, P.O. Box 2000-0907  
; CITY: Rahway  
; STATE: New Jersey  
; COUNTRY: USA  
; ZIP: 07065  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent In Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/973,139  
; FILING DATE:  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US/08/487,760  
; FILING DATE:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Gieser, Joanne M.  
; REGISTRATION NUMBER: 32,838  
; REFERENCE/DOCKET NUMBER: 19398  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (908)-594-3046  
; TELEFAX: (908)-594-4720  
; INFORMATION FOR SEQ ID NO: 3:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 13 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; HYPOTHETICAL: NO  
; ANTI-SENSE: NO  
US-08-973-139-3

Query Match 1.2%; Score 12; DB 1; Length 13;  
Best Local Similarity 100.0%; Pred. No. 3.7e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;



QY 595 TTTTATTTTAA 606  
DB 2 TTTTATTTTAA 13

RESULT 626  
US-08-809-513A-4/C  
Sequence 4, Application US/08809513A  
Patent No. 6524588  
GENERAL INFORMATION:  
APPLICANT: Hobom, Gerd; Neumann, Gabriele; Menke, Annette  
TITLE OF INVENTION: An Attenuated Vaccination and Gene-Transfer Virus, a  
TITLE OF INVENTION: Method  
NUMBER OF SEQUENCES: 9  
CORRESPONDENCE ADDRESSES:  
ADDRESSEE: NORRIS McLAUGHLIN & MARCUS  
STREET: 660 White Plains Road  
CITY: Tarrytown  
STATE: New York  
COUNTRY: USA  
ZIP: 10591-5144  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette, 3.50 inch, 1.4 Mb storage  
COMPUTER: Gateway Pentium II  
OPERATING SYSTEM: Windows 98  
SOFTWARE: Word 97  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/809,513A  
FILING DATE: 24-MAR-1997  
CLASSIFICATION: 424  
PRIOR APPLICATION: PCT/EP95/03663  
APPLICATION NUMBER: 30-SEP-1994  
FILING DATE: 18-SEP-1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: EP 94115505.3  
FILING DATE: 30-SEP-1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Kurt G. Briscoe  
REGISTRATION NUMBER: 33,141  
REFERENCE/DOCKET NUMBER: Hobom 9832-KGB  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (914) 332-1844  
TELEFAX: (914) 332-1844  
INFORMATION FOR SBO ID NO: 4:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 13 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: RNA (genomic)  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
ORIGINAL SOURCE:  
ORGANISM: Influenza virus, 'vRNA 3' sequence  
INDIVIDUAL ISOLATE: PH1104 vRNA Promoter Element  
US-08-809-513A-4  
Query Match 1.2%; Score 12; DB 1; Length 13;  
Best Local Similarity 100.0%; Pred. No. 3.7e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 316 GTAGAAACAGGG 327  
DB 12 GTAGAAACAGGG 1

RESULT 627  
PCT-US96-08320-3  
Sequence 3, Application PC/TUS9608320  
GENERAL INFORMATION:  
APPLICANT: Cole, James L.

APPLICANT: Olsen, David B.  
APPLICANT: Kuo, Lawrence C.  
TITLE OF INVENTION: DNA POLYMERASE EXTENSION ASSAY FOR  
TITLE OF INVENTION: INFLUENZA VIRUS ENDONUCLEASE  
NUMBER OF SEQUENCES: 5  
CORRESPONDENCE ADDRESSES:  
ADDRESSEE: Ms. Joanne J. Gieser  
STREET: 126 E. Lincoln Avenue, P.O. Box 2000-0907  
CITY: Rahway  
STATE: New Jersey  
COUNTRY: USA  
ZIP: 07065  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: PCT/US96/08320  
FILING DATE:  
CLASSIFICATION:  
ATTORNEY/AGENT INFORMATION:  
NAME: Gieser, Joanne M.  
REGISTRATION NUMBER: 32,838  
REFERENCE/DOCKET NUMBER: 19393 PCT  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (908)-594-3046  
TELEFAX: (908)-594-4720  
INFORMATION FOR SEQ ID NO: 3:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 13 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
PCT-US96-08320-3

Query Match 1.2%; Score 12; DB 1; Length 13;  
Best Local Similarity 100.0%; Pred. No. 3.7e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 595 TTTTATTTTAA 606  
DB 2 TTTTATTTTAA 13

RESULT 628  
PCT-US96-08330-3  
Sequence 3, Application PC/TUS9608330  
GENERAL INFORMATION:  
APPLICANT: MERCK & CO., INC.  
APPLICANT: Cole, James L.  
APPLICANT: Olsen, David B.  
TITLE OF INVENTION: DNA POLYMERASE EXTENSION ASSAY  
NUMBER OF SEQUENCES: 5  
CORRESPONDENCE ADDRESSES:  
ADDRESSEE: Ms. Joanne J. Gieser  
STREET: 126 E. Lincoln Avenue, P.O. Box 2000-0907  
CITY: Rahway  
STATE: New Jersey  
COUNTRY: USA  
ZIP: 07065  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: PCT/US96/08330  
FILING DATE:  
CLASSIFICATION:

ATTORNEY/AGENT INFORMATION:  
NAME: Gieser, Joanne M.  
REGISTRATION NUMBER: 32,838  
REFERENCE/DOCKET NUMBER: 19398 PCT  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (908) -594-3046  
TELEFAX: (908) -594-4720  
INFORMATION FOR SEQ ID NO: 3:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 13 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
PCT-US96-08330-3

Query Match 1.2%; Score 12; DB 1; Length 13;  
Best Local Similarity 100.0%; Pred. No. 3.7e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 595 TTTTATTTTAA 606  
|||||  
DB 2 TTTTATTTTAA 13

RESULT 629  
US-08-233-030-22  
Sequence 22, Application US/08233030  
Patent No. 5639655  
GENERAL INFORMATION:  
APPLICANT: James D. Thompson  
APPLICANT: Kenneth G. Draper  
TITLE OF INVENTION: METHOD AND REAGENT FOR  
TITLE OF INVENTION: TREATMENT OF PROMYELOCYTIC  
LEUKEMIA  
TITLE OF INVENTION: LEUKEMIA  
NUMBER OF SEQUENCES: 62  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 611 West Sixth Street  
CITY: Los Angeles  
STATE: California  
COUNTRY: USA  
ZIP: 90017  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM MS-DOS (Version 5.0)  
SOFTWARE: WordPerfect (Version 5.1)  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/233,030  
FILING DATE:  
CLASSIFICATION: 536  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/08/008,910  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 197/240  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 22:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 14  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-233-030-22

Query Match 1.2%; Score 12; DB 1; Length 14;

Best Local Similarity 83.3%; Pred. No. 4e+02;  
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;  
QY 472 AGGATGAAGTCG 483  
|||||  
DB 1 AGGAUGAAGGCG 12

RESULT 630  
US-08-309-512-51  
Sequence 51, Application US/08309512  
Patent No. 5759828  
GENERAL INFORMATION:  
APPLICANT: Tai, Ronny  
APPLICANT: Benzman, Moshe  
APPLICANT: Gelfand, David H.  
APPLICANT: Ben-Bassat, Arie  
APPLICANT: Calhoun, Roger D.  
APPLICANT: Wong, Hing C.  
TITLE OF INVENTION: CYCLIC DIGUANYLATE METABOLIC ENZYMES  
NUMBER OF SEQUENCES: 63  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Pennie & Edmonds  
STREET: 2730 Sand Hill Road  
CITY: Menlo Park  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 94025  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/309,512  
FILING DATE:  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/800,218  
FILING DATE: 29-NOV-1991  
ATTORNEY/AGENT INFORMATION:  
NAME: Bortner, Scott R.  
REGISTRATION NUMBER: 34,298  
REFERENCE/DOCKET NUMBER: 8145-008  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 854-3660  
TELEFAX: (415) 854-3694  
TELEX: 66141 PENNIE  
INFORMATION FOR SEQ ID NO: 51:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
HYPOTHETICAL: YES  
US-08-309-512-51

Query Match 1.2%; Score 12; DB 1; Length 15;  
Best Local Similarity 100.0%; Pred. No. 4.4e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 278 TGGCCACCATGC 289  
|||||  
DB 3 TGGCCACCATGC 14

RESULT 631  
US-09-358-972-251/C  
Sequence 251, Application US/09358972  
Patent No. 6235460  
GENERAL INFORMATION:  
APPLICANT: Shultz, John W

```

; APPLICANT: Lewis, Martin K.
; APPLICANT: Lieppe, Donna
; APPLICANT: Mandrekar, Michelle
; APPLICANT: Kephart, Daniel
; APPLICANT: Rhodes, Richard B.
; APPLICANT: Andrews, Christine A.
; APPLICANT: Hartnett, James R.
; APPLICANT: Gu, Trent
; APPLICANT: Olson, Ryan J.
; APPLICANT: Wood, Keith W.
; APPLICANT: Welch, Roy
; TITLE OF INVENTION: Nucleic Acid Detection
; FILE REFERENCE: Pro-103 6868/75528
; CURRENT APPLICATION NUMBER: US/09/358,972
; EARLIER FILING DATE: 1999-07-22
; EARLIER APPLICATION NUMBER: 09/252,436
; EARLIER FILING DATE: 1999-02-18
; EARLIER APPLICATION NUMBER: 09/042,287
; EARLIER FILING DATE: 1998-03-13
; NUMBER OF SEQ ID NOS: 290
; SOFTWARE: Patent Ver. 2.0
; SEQ ID NO 251
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:probe to AluI
;
US-09-358-972-251

```

```

Query Match      1.2%; Score 12; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY      784 TAGAGATGGGCT 795
DB      14 TAGAGATGGGCT 3

```

```

RESULT 632
US-09-081-646-17/c
; Sequence 17, Application US/09081646
; Patent No. 6333152
; GENERAL INFORMATION:
; APPLICANT: Kinzler, Kenneth
; APPLICANT: Vogelstein, Bert
; APPLICANT: Zhang, Lin
; APPLICANT: Zhou, Wei
; TITLE OF INVENTION: Gene Expression Profiles in No. 6333152ma1 and
; FILE REFERENCE: 01107.74664
; CURRENT APPLICATION NUMBER: US/09/081,646
; CURRENT FILING DATE: 1998-05-20
; EARLIER APPLICATION NUMBER: 60/047,352
; EARLIER FILING DATE: 1997-05-21
; NUMBER OF SEQ ID NOS: 871
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 17
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo sapiens
;
US-09-081-646-17

```

```

Query Match      1.2%; Score 12; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY      736 GGGACTACAGGC 747
DB      15 GGGACTACAGGC 4

```

RESULT 633

```

US-09-081-646-476/c
; Sequence 476, Application US/09081646
; Patent No. 6333152
; GENERAL INFORMATION:
; APPLICANT: Kinzler, Kenneth
; APPLICANT: Vogelstein, Bert
; APPLICANT: Zhang, Lin
; APPLICANT: Zhou, Wei
; TITLE OF INVENTION: Gene Expression Profiles in No. 6333152ma1 and
; FILE REFERENCE: 01107.74664
; CURRENT APPLICATION NUMBER: US/09/081,646
; CURRENT FILING DATE: 1998-05-20
; EARLIER APPLICATION NUMBER: 60/047,352
; EARLIER FILING DATE: 1997-05-21
; NUMBER OF SEQ ID NOS: 871
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 476
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo sapiens
;
US-09-081-646-476

```

```

Query Match      1.2%; Score 12; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY      652 GAGTGCAGTGGC 663
DB      15 GAGTGCAGTGGC 4

```

```

RESULT 634
US-09-081-646-534
; Sequence 534, Application US/09081646
; Patent No. 6333152
; GENERAL INFORMATION:
; APPLICANT: Kinzler, Kenneth
; APPLICANT: Vogelstein, Bert
; APPLICANT: Zhang, Lin
; APPLICANT: Zhou, Wei
; TITLE OF INVENTION: Gene Expression Profiles in No. 6333152ma1 and
; FILE REFERENCE: 01107.74664
; CURRENT APPLICATION NUMBER: US/09/081,646
; CURRENT FILING DATE: 1998-05-20
; EARLIER APPLICATION NUMBER: 60/047,352
; EARLIER FILING DATE: 1997-05-21
; NUMBER OF SEQ ID NOS: 871
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 534
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo sapiens
;
US-09-081-646-534

```

```

Query Match      1.2%; Score 12; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY      285 CATGCCCGGCTC 296
DB      1 CATGCCCGGCTC 12

```

```

RESULT 635
US-09-383-316-87/c
; Sequence 87, Application US/09383316
; Patent No. 6331551
; GENERAL INFORMATION:
; APPLICANT: Shultz, John W
; APPLICANT: Lewis, Martin K.
; APPLICANT: Lieppe, Donna

```

```

; APPLICANT: Mandrekar, Michelle
; APPLICANT: Kephart, Daniel
; APPLICANT: Rhodes, Richard B.
; APPLICANT: Andrews, Christine A.
; APPLICANT: Hartnett, James R.
; APPLICANT: Gu, Trent
; APPLICANT: Olson, Ryan J.
; APPLICANT: Wood, Keith W.
; APPLICANT: Welch, Roy
; TITLE OF INVENTION: Nucleic Acid Detection
; FILE REFERENCE: PRO-104 6868/75529
; CURRENT APPLICATION NUMBER: US/09/383,316
; PRIOR FILING DATE: 1999-08-25
; PRIOR APPLICATION NUMBER: 09/252,436
; PRIOR FILING DATE: 1999-02-18
; PRIOR APPLICATION NUMBER: 09/042,287
; PRIOR FILING DATE: 1998-03-13
; PRIOR APPLICATION NUMBER: 09/358,972
; PRIOR FILING DATE: 1999-07-21
; NUMBER OF SEQ ID NOS: 123
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 87
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:probe to Alu1
;
US-09-383-316-87

```

```

Query Match      1.2%; Score 12; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

OY      784 TAGAGATGGGGT 795
        |||||
Db      14 TAGAGATGGGGT 3

```

```

RESULT 636
US-09-790-417-251/c
; Sequence 251, Application US/09790417
; Patent No. 6730479
; GENERAL INFORMATION:
; APPLICANT: Shultz, John W
; APPLICANT: Lewis, Martin K.
; APPLICANT: Lieppe, Donna
; APPLICANT: Mandrekar, Michelle
; APPLICANT: Kephart, Daniel
; APPLICANT: Rhodes, Richard B.
; APPLICANT: Andrews, Christine A.
; APPLICANT: Hartnett, James R.
; APPLICANT: Gu, Trent
; APPLICANT: Olson, Ryan J.
; APPLICANT: Wood, Keith W.
; APPLICANT: Welch, Roy
; TITLE OF INVENTION: Nucleic Acid Detection
; FILE REFERENCE: PRO-103 6868/75528
; CURRENT APPLICATION NUMBER: US/09/790,417
; PRIOR FILING DATE: 2001-02-22
; PRIOR APPLICATION NUMBER: 09/358,972
; PRIOR FILING DATE: 1999-07-21
; PRIOR APPLICATION NUMBER: 09/042,287
; PRIOR FILING DATE: 1998-03-13
; NUMBER OF SEQ ID NOS: 290
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 251
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:probe to Alu1
;
OTHER INFORMATION: human gene

```

```

US-09-790-417-251
Query Match      1.2%; Score 12; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

OY      784 TAGAGATGGGGT 795
        |||||
Db      14 TAGAGATGGGGT 3

```

```

Search completed: November 15, 2004, 07:57:38
Job time : 10 secs

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